

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/11/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	46.40	36.92	31.66	32.14	32.59	32.95	49.43	47.75	36.57	33.02	34.80	32.94	33.49	32.20	35.11	40.91	48.11	53.96	56.63	50.40	50.05	49.53	44.91	42.52
24138	2.95	2.28	2.12	1.96	1.91	1.94	2.56	2.54	2.34	2.42	2.52	2.60	2.75	2.58	2.90	3.61	3.92	3.73	3.19	2.32	2.27	2.50	2.23	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.87	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	46.62	37.09	31.78	32.26	32.71	33.06	49.58	47.88	36.67	33.09	34.88	33.04	33.63	32.25	35.17	41.01	48.15	53.96	56.65	50.51	50.24	49.79	45.12	42.71
24260	3.16	2.44	2.24	2.07	2.03	2.05	2.70	2.67	2.44	2.49	2.61	2.69	2.82	2.63	2.96	3.70	3.96	3.72	3.21	2.43	2.45	2.76	2.44	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.87	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	46.62	37.09	31.78	32.26	32.71	33.06	49.58	47.88	36.67	33.09	34.88	33.04	33.63	32.25	35.17	41.01	48.15	53.96	56.65	50.51	50.24	49.79	45.12	42.71
24261	3.16	2.44	2.24	2.07	2.03	2.05	2.70	2.67	2.44	2.49	2.61	2.69	2.82	2.63	2.96	3.70	3.96	3.72	3.21	2.43	2.45	2.76	2.44	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.87	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	45.55	36.25	31.19	31.79	32.32	32.67	49.21	47.27	35.29	31.25	30.90	30.74	30.93	29.83	32.55	38.04	45.35	52.24	55.66	50.02	50.04	49.30	44.73	42.28
24011	2.10	1.60	1.66	1.60	1.64	1.66	2.33	2.07	1.05	0.65	0.49	0.40	0.16	0.21	0.34	0.74	1.16	2.00	2.23	1.94	2.25	2.28	2.05	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	45.78	36.40	31.35	31.94	32.48	32.84	49.53	47.55	35.41	31.29	30.91	30.73	30.89	29.79	32.53	38.14	45.56	52.47	55.84	50.19	50.31	49.58	44.96	42.47
23798	2.33	1.75	1.82	1.76	1.80	1.83	2.66	2.34	1.18	0.69	0.51	0.39	0.11	0.16	0.32	0.83	1.37	2.24	2.41	2.10	2.53	2.55	2.28	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	45.55	36.25	31.19	31.79	32.32	32.67	49.21	47.27	35.29	31.25</														

ALBANY___2 23572	43.90 0.45 0.00	35.17 0.53 0.00	30.29 0.75 0.00	30.88 0.70 0.00	31.38 0.69 0.00	31.65 0.64 0.00	47.34 0.46 0.00	45.64 0.43 0.00	34.55 0.32 0.00	30.91 0.31 0.00	31.02 0.34 -0.27	30.67 0.32 0.00	31.04 0.26 0.00	29.92 0.30 0.00	32.54 0.34 0.00	37.81 0.50 0.00	44.60 0.41 0.00	50.83 0.60 0.00	53.86 0.43 0.00	48.34 0.25 0.00	48.21 0.42 0.00	47.51 0.49 0.00	43.15 0.47 0.00	40.83 0.42 0.00
ALBANY___3 23573	43.90 0.45 0.00	35.17 0.53 0.00	30.29 0.75 0.00	30.88 0.70 0.00	31.38 0.69 0.00	31.65 0.64 0.00	47.34 0.46 0.00	45.64 0.43 0.00	34.55 0.32 0.00	30.91 0.31 0.00	31.02 0.34 -0.27	30.67 0.32 0.00	31.04 0.26 0.00	29.92 0.30 0.00	32.54 0.34 0.00	37.81 0.50 0.00	44.60 0.41 0.00	50.83 0.60 0.00	53.86 0.43 0.00	48.34 0.25 0.00	48.21 0.42 0.00	47.51 0.49 0.00	43.15 0.47 0.00	40.83 0.42 0.00
ALBANY___4 23574	43.90 0.45 0.00	35.17 0.53 0.00	30.29 0.75 0.00	30.88 0.70 0.00	31.38 0.69 0.00	31.65 0.64 0.00	47.34 0.46 0.00	45.64 0.43 0.00	34.55 0.32 0.00	30.91 0.31 0.00	31.02 0.34 -0.27	30.67 0.32 0.00	31.04 0.26 0.00	29.92 0.30 0.00	32.54 0.34 0.00	37.81 0.50 0.00	44.60 0.41 0.00	50.83 0.60 0.00	53.86 0.43 0.00	48.34 0.25 0.00	48.21 0.42 0.00	47.51 0.49 0.00	43.15 0.47 0.00	40.83 0.42 0.00
ALBANY___LFGE 323615	44.33 0.88 0.00	35.50 0.86 0.00	30.56 1.02 0.00	31.15 0.96 0.00	31.65 0.97 0.00	31.94 0.93 0.00	47.80 0.92 0.00	46.07 0.86 0.00	34.85 0.63 0.00	31.18 0.58 0.00	31.28 0.60 -0.27	30.93 0.59 0.00	31.30 0.52 0.00	30.18 0.56 0.00	32.83 0.63 0.00	38.16 0.85 0.00	45.05 0.86 0.00	51.40 1.17 0.00	54.47 1.04 0.00	48.84 0.75 0.00	48.72 0.93 0.00	47.98 0.96 0.00	43.56 0.89 0.00	41.20 0.79 0.00
ALCOA_PA_115KV_PL-6C 55860	43.51 0.06 0.00	34.74 0.10 0.00	29.46 -0.08 0.00	30.12 -0.06 0.00	30.63 -0.05 0.00	30.98 -0.03 0.00	47.12 0.24 0.00	45.56 0.36 0.00	34.57 0.34 0.00	30.85 0.25 0.00	30.62 0.21 0.00	30.50 0.16 0.00	30.86 0.09 0.00	29.60 -0.02 0.00	32.09 -0.12 0.00	37.06 -0.25 0.00	43.87 -0.32 0.00	49.85 -0.39 0.00	53.21 -0.22 0.00	48.21 0.12 0.00	47.90 0.11 0.00	47.07 0.04 0.00	42.90 0.22 0.00	40.74 0.33 0.00
ALCOA_RYNLDS___DRP 24188	43.51 0.06 0.00	34.74 0.10 0.00	29.46 -0.08 0.00	30.12 -0.06 0.00	30.63 -0.05 0.00	30.98 -0.03 0.00	47.12 0.24 0.00	45.57 0.36 0.00	34.57 0.34 0.00	30.85 0.25 0.00	30.62 0.21 0.00	30.50 0.16 0.00	30.86 0.09 0.00	29.60 -0.02 0.00	32.09 -0.12 0.00	37.05 -0.25 0.00	43.87 -0.32 0.00	49.84 -0.38 0.00	53.21 -0.22 0.00	48.20 0.11 0.00	47.89 0.11 0.00	47.07 0.04 0.00	42.90 0.22 0.00	40.74 0.34 0.00
ALCOA___DSASP 323711	43.51 0.06 0.00	34.74 0.10 0.00	29.46 -0.08 0.00	30.12 -0.06 0.00	30.63 -0.05 0.00	30.98 -0.03 0.00	47.12 0.24 0.00	45.57 0.36 0.00	34.57 0.34 0.00	30.85 0.25 0.00	30.62 0.21 0.00	30.50 0.16 0.00	30.86 0.09 0.00	29.60 -0.02 0.00	32.09 -0.12 0.00	37.05 -0.25 0.00	43.87 -0.32 0.00	49.84 -0.38 0.00	53.21 -0.22 0.00	48.20 0.11 0.00	47.89 0.11 0.00	47.07 0.04 0.00	42.90 0.22 0.00	40.74 0.34 0.00
ALLEGHENY___COGEN 23514	44.35 0.90 0.00	35.21 0.57 0.00	30.01 0.47 0.00	30.61 0.43 0.00	31.07 0.39 0.00	31.58 0.57 0.00	48.16 1.28 0.00	46.19 0.99 0.00	34.17 -0.06 0.00	30.13 -0.47 0.00	29.63 -0.78 0.00	29.64 -0.71 0.00	30.10 -0.68 0.00	28.92 -0.70 0.00	31.56 -0.66 0.00	36.18 -1.13 0.00	43.39 -0.80 0.00	49.23 -1.00 0.00	53.65 0.27 0.06	49.69 1.63 0.02	49.09 1.48 0.17	48.00 1.12 0.14	43.46 0.79 0.01	40.81 0.41 0.00
ALTAMONT_115KV_TB 2 55880	44.24 0.79 0.00	35.36 0.72 0.00	30.36 0.82 0.00	30.99 0.81 0.00	31.48 0.80 0.00	31.77 0.76 0.00	47.68 0.80 0.00	45.94 0.73 0.00	34.74 0.51 0.00	31.07 0.47 0.00	30.90 0.49 0.00	30.82 0.47 0.00	31.23 0.45 0.00	30.09 0.46 0.00	32.73 0.52 0.00	37.99 0.68 0.00	44.87 0.68 0.00	51.09 0.86 0.00	54.21 0.77 0.00	48.69 0.60 0.00	48.50 0.71 0.00	47.81 0.79 0.00	43.42 0.74 0.00	41.10 0.70 0.00
ALTONA_WT_PWR 323606	43.49 0.04 0.00	34.63 -0.01 0.00	29.39 -0.15 0.00	30.01 -0.17 0.00	30.50 -0.18 0.00	30.84 -0.17 0.00	46.85 -0.03 0.00	45.35 0.14 0.00	34.52 0.29 0.00	30.70 0.10 0.00	30.44 0.03 0.00	30.24 -0.10 0.00	30.65 -0.13 0.00	29.49 -0.13 0.00	32.03 -0.18 0.00	37.10 -0.21 0.00	44.04 -0.15 0.00	50.18 -0.06 0.00	53.59 0.16 0.00	48.45 0.36 0.00	48.21 0.42 0.00	47.33 0.31 0.00	42.98 0.30 0.00	40.78 0.37 0.00
AMERICAN_REF_FUEL 24010	40.83 -2.62 0.00	32.48 -2.16 0.00	27.67 -1.87 0.00	28.22 -1.96 0.00	28.67 -2.01 0.00	29.13 -1.88 0.00	44.12 -2.75 0.00	42.23 -2.98 0.00	32.00 -2.23 0.00	28.83 -1.77 0.00	28.50 -1.90 0.00	28.60 -1.75 0.00	29.15 -1.63 0.00	27.99 -1.63 0.00	30.46 -1.75 0.00	34.54 -2.77 0.00	41.37 -2.82 0.00	46.42 -3.81 0.00	49.59 -3.77 0.07	45.15 -2.91 0.03	44.06 -3.34 0.39	43.13 -3.43 0.46	39.38 -2.93 0.38	37.22 -2.84 0.35
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.81 -0.64 0.00	33.95 -0.69 0.00	28.96 -0.58 0.00	29.58 -0.61 0.00	30.05 -0.63 0.00	30.57 -0.44 0.00	46.49 -0.39 0.00	44.57 -0.63 0.00	33.66 -0.57 0.00	30.24 -0.35 0.00	29.78 -0.63 0.00	29.96 -0.38 0.00	30.61 -0.16 0.00	29.34 -0.28 0.00	31.91 -0.30 0.00	36.44 -0.87 0.00	43.80 -0.39 0.00	49.19 -1.04 0.00	52.64 -0.72 0.07	47.71 -0.35 0.02	46.70 -0.65 0.44	45.50 -0.96 0.57	41.01 -1.14 0.52	38.43 -1.48 0.50
ARTHUR KILL_GT_1 23520	46.30 2.85 0.00	36.90 2.26 0.00	31.62 2.08 0.00	32.09 1.90 0.00	32.55 1.87 0.00	32.91 1.90 0.00	49.29 2.42 0.00	47.63 2.42 0.00	36.45 2.22 0.00	32.79 2.19 0.00	34.52 2.25 -1.87	32.67 2.32 0.00	33.23 2.42 -0.03	31.89 2.27 0.00	34.79 2.58 0.00	40.58 3.27 0.00	47.67 3.47 0.00	53.33 3.09 0.00	55.92 2.49 0.00	50.13 2.05 0.00	49.92 2.13 0.00	49.48 2.45 0.00	44.89 2.21 0.00	42.48 2.07 0.00
ARTHUR_KILL_2 23512	46.13 2.68 0.00	36.78 2.13 0.00	31.51 1.98 0.00	31.99 1.80 0.00	32.44 1.76 0.00	32.80 1.79 0.00	49.10 2.23 0.00	47.48 2.27 0.00	36.33 2.10 0.00	32.68 2.08 0.00	34.43 2.15 -1.87	32.57 2.23 0.00	33.14 2.34 -0.03	31.80 2.18 0.00	34.69 2.48 0.00	40.46 3.15 0.00	47.50 3.31 0.00	53.14 2.91 0.00	55.72 2.29 0.00	49.94 1.86 0.00	49.73 1.94 0.00	49.29 2.27 0.00	44.73 2.05 0.00	42.35 1.94 0.00
ARTHUR_KILL_3 23513	46.05 2.59 0.00	36.65 2.01 0.00	31.42 1.88 0.00	31.89 1.70 0.00	32.33 1.65 0.00	32.67 1.66 0.00	48.98 2.10 0.00	47.27 2.06 0.00	36.20 1.97 0.00	32.66 2.06 0.00	34.47 2.19 -1.87	32.63 2.29 0.00	33.22 2.42 -0.03	31.83 2.21 0.00	34.71 2.50 0.00	40.48 3.17 0.00	47.58 3.39 0.00	53.42 3.19 0.00	56.08 2.65 0.00	50.04 1.95 0.00	49.74 1.95 0.00	49.26 2.24 0.00	44.63 1.95 0.00	42.26 1.86 0.00

ARTHUR_KILL_COGEN 323718	46.30 2.85 0.00	36.90 2.26 0.00	31.62 2.08 0.00	32.09 1.90 0.00	32.55 1.87 0.00	32.91 1.90 0.00	49.28 2.40 0.00	47.63 2.42 0.00	36.45 2.22 0.00	32.79 2.19 0.00	34.52 2.25 -1.87	32.67 2.32 0.00	33.23 2.43 -0.03	31.88 2.26 0.00	34.79 2.58 0.00	40.58 3.27 0.00	47.67 3.48 0.00	53.33 3.10 0.00	55.92 2.49 0.00	50.13 2.05 0.00	49.92 2.13 0.00	49.47 2.45 0.00	44.88 2.20 0.00	42.48 2.07 0.00
ASHOKAN____ 23654	45.09 1.64 0.00	35.90 1.26 0.00	30.78 1.24 0.00	31.34 1.16 0.00	31.81 1.13 0.00	32.15 1.14 0.00	48.34 1.46 0.00	46.68 1.47 0.00	35.55 1.32 0.00	31.69 1.09 0.00	31.50 1.09 0.00	31.59 1.25 0.00	32.05 1.28 0.00	30.88 1.26 0.00	33.67 1.46 0.00	39.24 1.93 0.00	46.45 2.26 0.00	52.83 2.60 0.00	56.05 2.62 0.00	50.21 2.13 0.00	49.85 2.06 0.00	49.03 2.00 0.00	44.40 1.73 0.00	41.91 1.50 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.04 2.59 0.00	36.72 2.08 0.00	31.49 1.95 0.00	31.92 1.74 0.00	32.39 1.71 0.00	32.77 1.76 0.00	48.93 2.06 0.00	47.32 2.11 0.00	36.30 2.08 0.00	32.71 2.11 0.00	34.49 2.21 -1.87	32.66 2.32 0.00	33.21 2.40 -0.03	31.87 2.25 0.00	34.81 2.60 0.00	40.68 3.36 0.00	47.62 3.43 0.00	53.25 3.02 0.00	55.79 2.36 0.00	49.79 1.71 0.01	49.53 1.75 0.01	49.08 2.05 0.00	44.54 1.86 0.00	42.25 1.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.04 2.59 0.00	36.72 2.08 0.00	31.49 1.95 0.00	31.92 1.74 0.00	32.39 1.71 0.00	32.77 1.76 0.00	48.93 2.06 0.00	47.32 2.11 0.00	36.30 2.08 0.00	32.71 2.11 0.00	34.49 2.21 -1.87	32.66 2.32 0.00	33.21 2.40 -0.03	31.88 2.26 0.00	34.81 2.60 0.00	40.68 3.37 0.00	47.62 3.43 0.00	53.25 3.02 0.00	55.79 2.36 0.00	49.79 1.71 0.01	49.53 1.75 0.01	49.08 2.05 0.00	44.54 1.86 0.00	42.25 1.84 0.00
ASTORIA_GT2_1 24094	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT2_2 24095	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT2_3 24096	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT2_4 24097	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT3_1 24098	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT3_2 24099	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT3_3 24100	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT3_4 24101	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT4_1 24102	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT4_2 24103	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT4_3 24104	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00

ASTORIA_GT4_4 24105	46.06 2.61 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.94 1.76 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.98 2.11 0.00	47.34 2.13 0.00	36.32 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.69 3.38 0.00	47.64 3.45 0.00	53.27 3.04 0.00	55.83 2.39 0.00	49.81 1.73 0.01	49.56 1.77 0.01	49.11 2.08 0.00	44.59 1.91 0.00	42.27 1.87 0.00
ASTORIA_GT_1 23523	46.16 2.70 0.00	36.83 2.18 0.00	31.57 2.03 0.00	32.00 1.81 0.00	32.47 1.79 0.00	32.84 1.84 0.00	49.08 2.20 0.00	47.45 2.24 0.00	36.41 2.18 0.00	32.80 2.20 0.00	34.58 2.31 -1.87	32.76 2.41 0.00	33.31 2.50 -0.03	31.96 2.34 0.00	34.92 2.71 0.00	40.80 3.49 0.00	47.76 3.57 0.00	53.41 3.17 0.00	55.97 2.53 0.00	49.92 1.84 0.01	49.68 1.90 0.01	49.21 2.19 0.00	44.67 2.00 0.00	42.36 1.96 0.00
ASTORIA_GT_10 24110	46.03 2.58 0.00	36.71 2.07 0.00	31.49 1.95 0.00	31.94 1.76 0.00	32.40 1.71 0.00	32.75 1.74 0.00	49.02 2.15 0.00	47.35 2.14 0.00	36.32 2.09 0.00	32.75 2.15 0.00	34.54 2.27 -1.87	32.71 2.36 0.00	33.26 2.45 -0.03	31.90 2.28 0.00	34.81 2.60 0.00	40.61 3.30 0.00	47.61 3.42 0.00	53.26 3.03 0.00	51.27 2.43 4.59	49.90 1.81 0.00	49.63 1.84 0.00	49.18 2.16 0.00	44.63 1.95 0.00	42.33 1.92 0.00
ASTORIA_GT_11 24225	46.03 2.58 0.00	36.71 2.07 0.00	31.49 1.95 0.00	31.94 1.76 0.00	32.40 1.71 0.00	32.75 1.74 0.00	49.02 2.15 0.00	47.35 2.14 0.00	36.32 2.09 0.00	32.75 2.15 0.00	34.54 2.27 -1.87	32.71 2.36 0.00	33.26 2.45 -0.03	31.90 2.28 0.00	34.81 2.60 0.00	40.61 3.30 0.00	47.61 3.42 0.00	53.26 3.03 0.00	51.27 2.43 4.59	49.90 1.81 0.00	49.63 1.84 0.00	49.18 2.16 0.00	44.63 1.95 0.00	42.33 1.92 0.00
ASTORIA_GT_12 24226	46.03 2.58 0.00	36.71 2.07 0.00	31.49 1.95 0.00	31.94 1.76 0.00	32.40 1.71 0.00	32.75 1.74 0.00	49.02 2.15 0.00	47.35 2.14 0.00	36.32 2.09 0.00	32.75 2.15 0.00	34.54 2.27 -1.87	32.71 2.36 0.00	33.26 2.45 -0.03	31.90 2.28 0.00	34.81 2.60 0.00	40.61 3.30 0.00	47.61 3.42 0.00	53.26 3.03 0.00	51.27 2.43 4.59	49.90 1.81 0.00	49.63 1.84 0.00	49.18 2.16 0.00	44.63 1.95 0.00	42.33 1.92 0.00
ASTORIA_GT_13 24227	46.03 2.58 0.00	36.71 2.07 0.00	31.49 1.95 0.00	31.94 1.76 0.00	32.40 1.71 0.00	32.75 1.74 0.00	49.02 2.15 0.00	47.35 2.14 0.00	36.32 2.09 0.00	32.75 2.15 0.00	34.54 2.27 -1.87	32.71 2.36 0.00	33.26 2.45 -0.03	31.90 2.28 0.00	34.81 2.60 0.00	40.61 3.30 0.00	47.61 3.42 0.00	53.26 3.03 0.00	51.27 2.43 4.59	49.90 1.81 0.00	49.63 1.84 0.00	49.18 2.16 0.00	44.63 1.95 0.00	42.33 1.92 0.00
ASTORIA_GT_5 24106	46.16 2.70 0.00	36.83 2.18 0.00	31.57 2.03 0.00	32.00 1.81 0.00	32.47 1.79 0.00	32.84 1.84 0.00	49.08 2.20 0.00	47.45 2.24 0.00	36.41 2.18 0.00	32.80 2.20 0.00	34.58 2.31 -1.87	32.76 2.41 0.00	33.31 2.50 -0.03	31.96 2.34 0.00	34.92 2.71 0.00	40.80 3.49 0.00	47.76 3.57 0.00	53.41 3.17 0.00	55.97 2.53 0.00	49.92 1.84 0.01	49.68 1.90 0.01	49.21 2.19 0.00	44.67 2.00 0.00	42.36 1.96 0.00
ASTORIA_GT_7 24107	46.16 2.70 0.00	36.83 2.18 0.00	31.57 2.03 0.00	32.00 1.81 0.00	32.47 1.79 0.00	32.84 1.84 0.00	49.08 2.20 0.00	47.45 2.24 0.00	36.41 2.18 0.00	32.80 2.20 0.00	34.58 2.31 -1.87	32.76 2.41 0.00	33.31 2.50 -0.03	31.96 2.34 0.00	34.92 2.71 0.00	40.80 3.49 0.00	47.76 3.57 0.00	53.41 3.17 0.00	55.97 2.53 0.00	49.92 1.84 0.01	49.68 1.90 0.01	49.21 2.19 0.00	44.67 2.00 0.00	42.36 1.96 0.00
ASTORIA_GT_8 24108	46.16 2.70 0.00	36.83 2.18 0.00	31.57 2.03 0.00	32.00 1.81 0.00	32.47 1.79 0.00	32.84 1.84 0.00	49.08 2.20 0.00	47.45 2.24 0.00	36.41 2.18 0.00	32.80 2.20 0.00	34.58 2.31 -1.87	32.76 2.41 0.00	33.31 2.50 -0.03	31.96 2.34 0.00	34.92 2.71 0.00	40.80 3.49 0.00	47.76 3.57 0.00	53.41 3.17 0.00	55.97 2.53 0.00	49.92 1.84 0.01	49.68 1.90 0.01	49.21 2.19 0.00	44.67 2.00 0.00	42.36 1.96 0.00
ASTORIA___2 24149	46.05 2.60 0.00	36.75 2.10 0.00	31.51 1.97 0.00	31.94 1.75 0.00	32.41 1.73 0.00	32.78 1.77 0.00	48.97 2.10 0.00	47.35 2.14 0.00	36.33 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.68 2.34 0.00	33.22 2.42 -0.03	31.89 2.27 0.00	34.83 2.62 0.00	40.68 3.37 0.00	47.64 3.45 0.00	53.27 3.05 0.00	55.83 2.40 0.00	49.80 1.72 0.01	49.55 1.77 0.01	49.11 2.08 0.00	44.57 1.89 0.00	42.27 1.86 0.00
ASTORIA___3 23516	46.03 2.58 0.00	36.71 2.07 0.00	31.49 1.95 0.00	31.94 1.76 0.00	32.39 1.71 0.00	32.75 1.74 0.00	49.02 2.14 0.00	47.35 2.14 0.00	36.32 2.09 0.00	32.75 2.15 0.00	34.55 2.27 -1.87	32.71 2.36 0.00	33.26 2.45 -0.03	31.90 2.28 0.00	34.81 2.60 0.00	40.61 3.30 0.00	47.60 3.41 0.00	53.26 3.03 0.00	51.27 2.43 4.60	49.89 1.81 0.00	49.63 1.83 0.00	49.18 2.16 0.00	44.63 1.95 0.00	42.32 1.92 0.00
ASTORIA___4 23517	46.03 2.58 0.00	36.71 2.07 0.00	31.49 1.95 0.00	31.94 1.76 0.00	32.40 1.71 0.00	32.75 1.74 0.00	49.02 2.15 0.00	47.35 2.14 0.00	36.32 2.09 0.00	32.75 2.15 0.00	34.54 2.27 -1.87	32.70 2.36 0.00	33.26 2.45 -0.03	31.90 2.28 0.00	34.81 2.60 0.00	40.61 3.30 0.00	47.60 3.41 0.00	53.26 3.03 0.00	51.27 2.43 4.59	49.89 1.81 0.00	49.63 1.84 0.00	49.18 2.16 0.00	44.63 1.95 0.00	42.33 1.92 0.00
ASTORIA___5 23518	46.03 2.58 0.00	36.71 2.07 0.00	31.49 1.95 0.00	31.94 1.76 0.00	32.39 1.71 0.00	32.75 1.74 0.00	49.02 2.14 0.00	47.35 2.14 0.00	36.32 2.09 0.00	32.75 2.15 0.00	34.55 2.27 -1.87	32.71 2.36 0.00	33.26 2.45 -0.03	31.90 2.28 0.00	34.81 2.60 0.00	40.61 3.30 0.00	47.60 3.41 0.00	53.26 3.03 0.00	51.27 2.43 4.60	49.89 1.81 0.00	49.63 1.83 0.00	49.18 2.16 0.00	44.63 1.95 0.00	42.32 1.92 0.00
AST_ENERGY_2_CC3 323677	46.20 2.75 0.00	36.78 2.13 0.00	31.53 1.99 0.00	32.01 1.82 0.00	32.45 1.77 0.00	32.79 1.78 0.00	49.15 2.28 0.00	47.46 2.26 0.00	36.34 2.10 0.00	32.79 2.18 0.00	34.58 2.31 -1.87	32.73 2.38 0.00	33.32 2.51 -0.03	31.94 2.32 0.00	34.83 2.62 0.00	40.61 3.30 0.00	47.67 3.48 0.00	53.40 3.17 0.00	56.06 2.63 0.00	49.99 1.90 0.00	49.74 1.95 0.00	49.33 2.30 0.00	44.74 2.06 0.00	42.36 1.95 0.00
AST_ENERGY_2_CC4 323678	46.20 2.75 0.00	36.78 2.13 0.00	31.53 1.99 0.00	32.01 1.82 0.00	32.45 1.77 0.00	32.79 1.78 0.00	49.15 2.28 0.00	47.46 2.26 0.00	36.34 2.10 0.00	32.79 2.18 0.00	34.58 2.31 -1.87	32.73 2.38 0.00	33.32 2.51 -0.03	31.94 2.32 0.00	34.83 2.62 0.00	40.61 3.30 0.00	47.67 3.48 0.00	53.40 3.17 0.00	56.06 2.63 0.00	49.99 1.90 0.00	49.74 1.95 0.00	49.33 2.30 0.00	44.74 2.06 0.00	42.36 1.95 0.00

ATHENS_STG_1 23668	44.80 1.35 0.00	35.87 1.23 0.00	30.82 1.28 0.00	31.32 1.14 0.00	31.77 1.09 0.00	32.08 1.07 0.00	47.95 1.07 0.00	46.28 1.07 0.00	35.38 1.15 0.00	31.90 1.30 0.00	32.64 1.45 -0.77	31.82 1.47 0.00	32.29 1.51 0.00	31.03 1.41 0.00	33.63 1.42 0.00	38.90 1.60 0.00	45.71 1.52 0.00	51.58 1.35 0.00	54.28 0.84 0.00	48.43 0.34 0.00	48.13 0.34 0.00	47.57 0.54 0.00	43.15 0.48 0.00	41.26 0.85 0.00
ATHENS_STG_2 23670	44.80 1.35 0.00	35.87 1.23 0.00	30.82 1.28 0.00	31.32 1.14 0.00	31.77 1.09 0.00	32.08 1.07 0.00	47.95 1.07 0.00	46.28 1.07 0.00	35.38 1.15 0.00	31.90 1.30 0.00	32.64 1.45 -0.77	31.82 1.47 0.00	32.29 1.51 0.00	31.03 1.41 0.00	33.63 1.42 0.00	38.90 1.60 0.00	45.71 1.52 0.00	51.58 1.35 0.00	54.28 0.84 0.00	48.43 0.34 0.00	48.13 0.34 0.00	47.57 0.54 0.00	43.15 0.48 0.00	41.26 0.85 0.00
ATHENS_STG_3 23677	44.80 1.35 0.00	35.87 1.23 0.00	30.82 1.28 0.00	31.32 1.14 0.00	31.77 1.09 0.00	32.08 1.07 0.00	47.95 1.07 0.00	46.28 1.07 0.00	35.38 1.15 0.00	31.90 1.30 0.00	32.64 1.45 -0.77	31.82 1.47 0.00	32.29 1.51 0.00	31.03 1.41 0.00	33.63 1.42 0.00	38.90 1.60 0.00	45.71 1.52 0.00	51.58 1.35 0.00	54.28 0.84 0.00	48.43 0.34 0.00	48.13 0.34 0.00	47.57 0.54 0.00	43.15 0.48 0.00	41.26 0.85 0.00
AUBURN___LFGE 323710	43.43 -0.03 0.00	34.58 -0.07 0.00	29.56 0.03 0.00	30.22 0.03 0.00	30.68 0.00 0.00	31.08 0.07 0.00	46.95 0.08 0.00	45.18 -0.03 0.00	33.99 -0.24 0.00	30.23 -0.37 0.00	30.00 -0.40 0.00	30.00 -0.34 0.00	30.37 -0.41 0.00	29.21 -0.41 0.00	31.86 -0.34 0.00	36.80 -0.51 0.00	43.79 -0.40 0.00	49.84 -0.39 0.00	53.50 0.07 0.00	48.19 0.10 0.00	47.94 0.15 0.00	47.09 0.07 0.00	42.48 -0.20 0.00	40.25 -0.15 0.00
BABYLON_RES_REC 323704	46.54 3.08 0.00	36.92 2.27 0.00	31.83 2.29 0.00	32.34 2.16 0.00	32.76 2.08 0.00	33.12 2.11 0.00	49.48 2.60 0.00	47.65 2.44 0.00	36.38 2.15 0.00	34.52 2.40 -1.52	35.63 2.83 -2.39	33.02 2.68 0.00	33.51 2.73 0.00	32.01 2.39 0.00	34.95 2.74 0.00	46.76 3.79 -5.66	48.01 3.82 0.00	53.59 3.36 0.00	56.18 2.74 0.00	40.43 1.58 9.24	49.76 1.97 0.00	49.10 2.08 0.00	44.61 1.93 0.00	42.35 1.94 0.00
BALL_HILL_WT_PWR 323825	42.25 -1.21 0.00	33.55 -1.09 0.00	28.61 -0.93 0.00	29.21 -0.98 0.00	29.65 -1.03 0.00	30.16 -0.85 0.00	45.77 -1.10 0.00	43.86 -1.35 0.00	33.16 -1.07 0.00	29.83 -0.77 0.00	29.42 -0.98 0.00	29.57 -0.77 0.00	30.18 -0.59 0.00	28.95 -0.67 0.00	31.50 -0.70 0.00	35.94 -1.38 0.00	43.12 -1.07 0.00	48.45 -1.78 0.00	51.80 -1.57 0.07	46.94 -1.12 0.03	45.94 -1.43 0.42	44.85 -1.66 0.52	40.64 -1.58 0.46	38.28 -1.69 0.43
BARON_WINDS___WT_PWR 323822	42.74 -0.71 0.00	33.97 -0.68 0.00	29.05 -0.49 0.00	29.68 -0.51 0.00	30.09 -0.59 0.00	30.50 -0.51 0.00	46.27 -0.61 0.00	44.27 -0.94 0.00	33.19 -1.04 0.00	29.62 -0.98 0.00	29.19 -1.22 0.00	29.25 -1.09 0.00	29.63 -1.15 0.00	28.51 -1.11 0.00	31.14 -1.07 0.00	35.85 -1.46 0.00	42.98 -1.22 0.00	48.69 -1.55 0.00	52.41 -0.97 0.05	47.49 -0.58 0.02	47.10 -0.72 -0.02	46.28 -0.89 -0.14	42.02 -0.97 -0.31	39.58 -1.13 -0.30
BARRETT_IC_1 23704	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT_IC_10 23701	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT_IC_11 23702	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT_IC_12 23703	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT_IC_2 23705	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT_IC_3 23706	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT_IC_4 23707	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT_IC_5 23708	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00

BARRETT_IC_6 23709	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT_IC_7 23710	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	49.00 2.12 0.00	47.14 1.93 0.00	35.97 1.74 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.41 1.40 -0.91	49.48 1.69 0.00	48.85 1.82 0.00	44.44 1.76 0.00	42.18 1.78 0.00
BARRETT_IC_8 23711	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT_IC_9 23700	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT___1 23545	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 -5.66	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BARRETT___2 23546	46.21 2.76 0.00	36.69 2.05 0.00	31.55 2.02 0.00	32.05 1.87 0.00	32.47 1.80 0.00	32.82 1.82 0.00	48.99 2.12 0.00	47.14 1.93 0.00	35.98 1.75 0.00	34.17 2.05 -1.52	34.64 2.38 -1.85	32.65 2.31 0.00	33.17 2.39 0.00	31.79 2.17 0.00	34.71 2.50 0.00	46.35 3.38 0.00	47.57 3.38 0.00	53.28 3.05 0.00	55.83 2.40 0.00	50.38 1.38 -0.91	49.48 1.69 0.00	48.84 1.82 0.00	44.43 1.75 0.00	42.18 1.78 0.00
BATAVIA___115KV_TB1 55881	42.91 -0.54 0.00	34.06 -0.58 0.00	29.00 -0.54 0.00	29.58 -0.61 0.00	30.04 -0.64 0.00	30.51 -0.50 0.00	46.38 -0.50 0.00	44.52 -0.68 0.00	33.43 -0.79 0.00	29.80 -0.81 0.00	29.31 -1.09 0.00	29.33 -1.01 0.00	29.85 -0.93 0.00	28.67 -0.95 0.00	31.17 -1.04 0.00	35.48 -1.82 0.00	42.53 -1.67 0.00	48.16 -2.07 0.00	52.12 -1.24 0.08	47.79 -0.27 0.03	46.92 -0.65 0.21	45.91 -0.94 0.18	41.84 -0.84 0.01	39.41 -0.99 0.00
BAYONEEC___CTG1 323682	46.23 2.78 0.00	36.80 2.15 0.00	31.54 2.00 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.16 2.29 0.00	47.47 2.26 0.00																

BAYONEEC___CTG8 323689	46.23 2.78 0.00	36.80 2.15 0.00	31.54 2.00 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.16 2.29 0.00	47.47 2.26 0.00	36.36 2.13 0.00	32.80 2.19 0.00	34.60 2.32 -1.87	32.75 2.40 0.00	33.33 2.53 -0.03	31.93 2.31 0.00	34.81 2.60 0.00	40.60 3.29 0.00	47.71 3.52 0.00	53.52 3.29 0.00	56.17 2.74 0.00	50.11 2.02 0.00	49.82 2.03 0.00	49.37 2.35 0.00	44.77 2.09 0.00	42.40 1.99 0.00
BAYONEEC___CTG9 323749	46.23 2.78 0.00	36.80 2.15 0.00	31.54 2.00 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.16 2.29 0.00	47.47 2.26 0.00	36.36 2.13 0.00	32.80 2.19 0.00	34.60 2.32 -1.87	32.75 2.40 0.00	33.33 2.53 -0.03	31.93 2.31 0.00	34.81 2.60 0.00	40.60 3.29 0.00	47.71 3.52 0.00	53.52 3.29 0.00	56.17 2.74 0.00	50.11 2.02 0.00	49.82 2.03 0.00	49.37 2.35 0.00	44.77 2.09 0.00	42.40 1.99 0.00
BAYPORT_69_KV_BK 2 356364	46.87 3.42 0.00	37.16 2.51 0.00	32.23 2.69 0.00	32.82 2.64 0.00	33.25 2.57 0.00	33.60 2.60 0.00	50.11 3.23 0.00	48.18 2.98 0.00	36.76 2.53 0.00	34.89 2.77 -1.52	-25.30 3.45 59.15	33.53 3.18 0.00	34.00 3.23 0.00	32.40 2.78 0.00	35.35 3.14 0.00	47.43 4.46 -5.66	48.75 4.56 0.00	54.14 3.91 0.00	56.79 3.35 0.00	39.59 1.84 10.34	50.28 2.49 0.00	49.45 2.43 0.00	44.81 2.13 0.00	42.44 2.03 0.00
BEACON___LESR 323632	44.49 1.04 0.00	35.58 0.93 0.00	30.61 1.07 0.00	31.19 1.01 0.00	31.69 1.01 0.00	32.03 1.03 0.00	48.09 1.21 0.00	46.29 1.08 0.00	35.01 0.78 0.00	31.23 0.64 0.00	31.29 0.61 -0.27	30.94 0.60 0.00	31.26 0.49 0.00	30.18 0.56 0.00	32.79 0.58 0.00	38.15 0.84 0.00	45.14 0.95 0.00	51.53 1.31 0.00	54.73 1.29 0.00	49.07 0.99 0.00	48.78 0.99 0.00	48.17 1.15 0.00	43.68 1.00 0.00	41.33 0.93 0.00
BEAVER RIVER___HYD 24048	44.17 0.72 0.00	35.64 0.99 0.00	30.36 0.82 0.00	30.99 0.81 0.00	31.52 0.84 0.00	31.98 0.97 0.00	48.46 1.58 0.00	46.68 1.48 0.00	34.80 0.57 0.00	30.71 0.12 0.00	30.31 -0.09 0.00	30.18 -0.16 0.00	30.45 -0.32 0.00	29.32 -0.30 0.00	31.71 -0.50 0.00	36.61 -0.70 0.00	43.58 -0.61 0.00	50.06 -0.18 0.00	54.27 0.84 0.00	49.58 1.50 0.00	49.37 1.59 0.00	48.57 1.54 0.00	44.11 1.43 0.00	41.71 1.30 0.00
BEEBEE_GT_13 23619	42.69 -0.77 0.00	33.94 -0.71 0.00	28.91 -0.63 0.00	29.50 -0.69 0.00	29.97 -0.71 0.00	30.40 -0.61 0.00	46.10 -0.78 0.00	44.29 -0.92 0.00	33.44 -0.79 0.00	29.98 -0.62 0.00	29.73 -0.68 0.00	29.75 -0.59 0.00	30.28 -0.50 0.00	29.11 -0.51 0.00	31.67 -0.54 0.00	36.28 -1.02 0.00	43.36 -0.83 0.00	49.12 -1.11 0.00	52.53 -0.83 0.08	47.59 -0.47 0.03	46.77 -0.80 0.22	45.83 -1.00 0.19	41.71 -0.96 0.01	39.37 -1.04 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.54 3.08 0.00	37.03 2.39 0.00	31.72 2.18 0.00	32.18 2.00 0.00	32.64 1.96 0.00	33.00 1.99 0.00	49.46 2.58 0.00	47.80 2.59 0.00	36.61 2.38 0.00	32.99 2.39 0.00	34.79 2.51 -1.87	32.94 2.60 0.00	33.53 2.73 -0.03	32.16 2.54 0.00	35.10 2.89 0.00	40.95 3.64 0.00	48.09 3.90 0.00	53.85 3.62 0.00	56.50 3.07 0.00	50.54 2.46 0.00	50.25 2.46 0.00	49.75 2.73 0.00	45.13 2.46 0.00	42.73 2.32 0.00
BETHLEHEM___GRP 23843	43.90 0.45 0.00	35.17 0.53 0.00	30.29 0.75 0.00	30.88 0.70 0.00	31.38 0.69 0.00	31.65 0.64 0.00	47.34 0.46 0.00	45.64 0.43 0.00	34.55 0.32 0.00	30.91 0.31 0.00	31.02 0.34 -0.27	30.67 0.32 0.00	31.04 0.26 0.00	29.92 0.30 0.00	32.54 0.34 0.00	37.81 0.50 0.00	44.60 0.41 0.00	50.83 0.60 0.00	53.86 0.43 0.00	48.34 0.25 0.00	48.21 0.42 0.00	47.51 0.49 0.00	43.15 0.47 0.00	40.83 0.42 0.00
BETHLEHEM___GS1 323560	43.90 0.45 0.00	35.17 0.53 0.00	30.29 0.75 0.00	30.88 0.70 0.00	31.38 0.69 0.00	31.65 0.64 0.00	47.34 0.47 0.00	45.64 0.43 0.00	34.55 0.32 0.00	30.91 0.31 0.00	31.02 0.34 -0.27	30.67 0.32 0.00	31.04 0.26 0.00	29.92 0.30 0.00	32.54 0.33 0.00	37.81 0.50 0.00	44.60 0.41 0.00	50.83 0.60 0.00	53.86 0.43 0.00	48.33 0.25 0.00	48.21 0.42 0.00	47.51 0.49 0.00	43.15 0.47 0.00	40.82 0.42 0.00
BETHLEHEM___GS2 323561	43.90 0.45 0.00	35.17 0.53 0.00	30.29 0.75 0.00	30.88 0.70 0.00	31.38 0.69 0.00	31.65 0.64 0.00	47.34 0.47 0.00	45.64 0.43 0.00	34.55 0.32 0.00	30.91 0.31 0.00	31.02 0.34 -0.27	30.67 0.32 0.00	31.04 0.26 0.00	29.92 0.30 0.00	32.54 0.33 0.00	37.81 0.50 0.00	44.60 0.41 0.00	50.83 0.60 0.00	53.86 0.43 0.00	48.33 0.25 0.00	48.21 0.42 0.00	47.51 0.49 0.00	43.15 0.47 0.00	40.82 0.42 0.00
BETHLEHEM___GS3 323562	43.90 0.45 0.00	35.17 0.53 0.00	30.29 0.75 0.00	30.88 0.70 0.00	31.38 0.69 0.00	31.65 0.64 0.00	47.34 0.47 0.00	45.64 0.43 0.00	34.55 0.32 0.00	30.91 0.31 0.00	31.02 0.34 -0.27	30.67 0.32 0.00	31.04 0.26 0.00	29.92 0.30 0.00	32.54 0.33 0.00	37.81 0.50 0.00	44.60 0.41 0.00	50.83 0.60 0.00	53.86 0.43 0.00	48.33 0.25 0.00	48.21 0.42 0.00	47.51 0.49 0.00	43.15 0.47 0.00	40.82 0.42 0.00
BETHLEHEM___STEEL 23779	42.09 -1.36 0.00	33.45 -1.19 0.00	28.50 -1.04 0.00	29.07 -1.11 0.00	29.51 -1.17 0.00	29.98 -1.03 0.00	45.50 -1.38 0.00	43.60 -1.60 0.00	33.00 -1.23 0.00	29.70 -0.90 0.00	29.35 -1.06 0.00	29.46 -0.88 0.00	30.06 -0.72 0.00	28.86 -0.76 0.00	31.42 -0.79 0.00	35.74 -1.57 0.00	42.87 -1.32 0.00	48.22 -2.01 0.00	51.54 -1.82 0.07	46.78 -1.28 0.03	45.95 -1.65 0.20	45.01 -1.86 0.16	41.02 -1.65 0.01	38.70 -1.71 0.00
BETHLHEM_115KV_TB1 79974	43.96 0.51 0.00	35.22 0.57 0.00	30.31 0.77 0.00	30.91 0.73 0.00	31.40 0.72 0.00	31.67 0.67 0.00	47.42 0.54 0.00	45.71 0.50 0.00	34.60 0.37 0.00	30.96 0.36 0.00	31.06 0.39 -0.27	30.71 0.37 0.00	31.10 0.32 0.00	29.98 0.35 0.00	32.60 0.39 0.00	37.87 0.56 0.00	44.68 0.49 0.00	50.90 0.67 0.00	53.94 0.51 0.00	48.40 0.32 0.00	48.27 0.49 0.00	47.56 0.54 0.00	43.20 0.52 0.00	40.89 0.48 0.00
BETHPAGE_CC_5 323564	46.25 2.80 0.00	36.76 2.12 0.00	31.65 2.11 0.00	32.15 1.96 0.00	32.56 1.88 0.00	32.91 1.91 0.00	49.16 2.29 0.00	47.33 2.12 0.00	36.17 1.94 0.00	34.34 2.22 -1.52	35.17 2.62 -2.15	32.85 2.51 0.00	33.33 2.55 0.00	31.89 2.26 0.00	34.77 2.57 0.00	46.48 3.51 -5.66	47.71 3.52 0.00	53.34 3.11 0.00	55.89 2.46 0.00	41.09 1.43 8.42	49.44 1.65 0.00	48.80 1.78 0.00	44.48 1.80 0.00	42.35 1.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.20 -1.25 0.00	33.53 -1.11 0.00	28.56 -0.97 0.00	29.14 -1.05 0.00	29.58 -1.10 0.00	30.05 -0.96 0.00	45.60 -1.27 0.00	43.74 -1.47 0.00	33.10 -1.13 0.00	29.81 -0.79 0.00	29.45 -0.95 0.00	29.56 -0.78 0.00	30.16 -0.61 0.00	28.95 -0.67 0.00	31.53 -0.68 0.00	35.88 -1.43 0.00	43.04 -1.15 0.00	48.39 -1.84 0.00	51.72 -1.64 0.07	46.92 -1.14 0.03	46.10 -1.49 0.19	45.12 -1.74 0.16	41.13 -1.54 0.01	38.79 -1.62 0.00

BINGHAMTON___COGEN 23790	43.35 -0.11 0.00	34.48 -0.16 0.00	29.53 -0.01 0.00	30.16 -0.03 0.00	30.63 -0.05 0.00	31.01 0.00 0.00	46.83 -0.05 0.00	44.92 -0.29 0.00	33.91 -0.32 0.00	30.31 -0.29 0.00	30.07 -0.33 0.00	30.14 -0.20 0.00	30.66 -0.12 0.00	29.47 -0.16 0.00	32.06 -0.15 0.00	37.07 -0.24 0.00	44.19 0.00 0.00	50.06 -0.17 0.00	53.40 -0.01 0.02	48.00 -0.08 0.01	47.58 -0.15 0.05	46.78 -0.20 0.05	42.39 -0.29 0.00	40.08 -0.33 0.00
BIXINCNT_115KV_LOAD 355685	42.96 -0.49 0.00	34.08 -0.57 0.00	29.11 -0.42 0.00	29.74 -0.45 0.00	30.19 -0.50 0.00	30.67 -0.34 0.00	46.49 -0.38 0.00	44.74 -0.46 0.00	33.79 -0.44 0.00	30.45 -0.15 0.00	30.00 -0.40 0.00	30.08 -0.27 0.00	30.51 -0.27 0.00	29.19 -0.44 0.00	31.80 -0.41 0.00	36.42 -0.89 0.00	43.68 -0.51 0.00	49.13 -1.11 0.00	52.49 -0.88 0.06	47.52 -0.54 0.02	46.71 -0.90 0.18	45.75 -1.13 0.15	41.47 -1.21 0.01	39.16 -1.25 0.00
BLACK RIVER___HYD 24047	44.39 0.94 0.00	35.87 1.23 0.00	30.55 1.01 0.00	31.18 1.00 0.00	31.72 1.04 0.00	32.20 1.19 0.00	48.76 1.88 0.00	46.98 1.78 0.00	34.86 0.63 0.00	30.66 0.06 0.00	30.22 -0.19 0.00	30.11 -0.23 0.00	30.40 -0.38 0.00	29.29 -0.33 0.00	31.68 -0.53 0.00	36.60 -0.71 0.00	43.64 -0.55 0.00	50.25 0.02 0.00	54.75 1.32 0.00	50.30 2.22 0.00	50.09 2.30 0.00	49.20 2.18 0.00	44.51 1.83 0.00	41.98 1.58 0.00
BLACKRVR_115KV_TB2 79977	44.39 0.94 0.00	35.87 1.23 0.00	30.55 1.01 0.00	31.18 1.00 0.00	31.72 1.04 0.00	32.20 1.19 0.00	48.76 1.88 0.00	46.99 1.78 0.00	34.86 0.63 0.00	30.66 0.06 0.00	30.22 -0.19 0.00	30.11 -0.23 0.00	30.40 -0.38 0.00	29.29 -0.33 0.00	31.68 -0.53 0.00	36.60 -0.71 0.00	43.64 -0.55 0.00	50.25 0.02 0.00	54.75 1.32 0.00	50.30 2.22 0.00	50.09 2.30 0.00	49.20 2.18 0.00	44.50 1.83 0.00	41.98 1.58 0.00
BLISS_WT_PWR 323608	42.95 -0.51 0.00	34.07 -0.57 0.00	29.11 -0.43 0.00	29.74 -0.45 0.00	30.18 -0.50 0.00	30.66 -0.35 0.00	46.50 -0.38 0.00	44.76 -0.45 0.00	33.78 -0.45 0.00	30.45 -0.15 0.00	30.01 -0.39 0.00	30.09 -0.26 0.00	30.51 -0.27 0.00	29.17 -0.45 0.00	31.80 -0.41 0.00	36.42 -0.89 0.00	43.68 -0.51 0.00	49.13 -1.10 0.00	52.49 -0.88 0.06	47.50 -0.56 0.02	46.43 -0.90 0.46	45.30 -1.12 0.60	40.89 -1.22 0.58	38.60 -1.26 0.55
BLUESTONE___WT_PWR 323821	43.88 0.43 0.00	35.10 0.46 0.00	30.03 0.49 0.00	30.64 0.46 0.00	30.96 0.28 0.00	31.39 0.38 0.00	47.72 0.85 0.00	45.85 0.65 0.00	34.47 0.24 0.00	30.80 0.20 0.00	30.37 -0.03 0.00	30.38 0.04 0.00	31.01 0.23 0.00	29.71 0.09 0.00	32.38 0.17 0.00	37.61 0.30 0.00	45.20 1.01 0.00	51.75 1.52 0.00	55.89 2.48 0.02	50.50 2.42 0.01	50.03 2.23 0.00	49.15 2.09 -0.04	44.45 1.68 -0.10	41.93 1.43 -0.09
BLUE_CIRC_CHEM_DRP 24182	44.28 0.82 0.00	35.48 0.84 0.00	30.51 0.97 0.00	31.14 0.96 0.00	31.65 0.97 0.00	31.93 0.92 0.00	47.86 0.98 0.00	46.05 0.85 0.00	34.71 0.48 0.00	31.00 0.39 0.00	30.82 0.41 0.00	30.79 0.45 0.00	31.14 0.36 0.00	30.00 0.38 0.00	32.64 0.43 0.00	37.88 0.57 0.00	44.77 0.57 0.00	51.12 0.89 0.00	54.36 0.93 0.00	48.83 0.74 0.00	48.65 0.86 0.00	47.95 0.93 0.00	43.56 0.88 0.00	41.25 0.84 0.00
BOC_GAS_DRP 24189	44.09 0.63 0.00	35.27 0.63 0.00	30.30 0.76 0.00	30.92 0.74 0.00	31.41 0.73 0.00	31.69 0.68 0.00	47.52 0.64 0.00	45.80 0.59 0.00	34.69 0.46 0.00	31.06 0.46 0.00	30.91 0.50 0.00	30.83 0.49 0.00	31.25 0.47 0.00	30.11 0.49 0.00	32.74 0.53 0.00	38.00 0.70 0.00	44.88 0.68 0.00	51.02 0.79 0.00	54.04 0.61 0.00	48.51 0.42 0.00	48.32 0.54 0.00	47.64 0.61 0.00	43.28 0.60 0.00	40.98 0.58 0.00
BOONVILLE_115KV_TB1 79983	44.30 0.85 0.00	35.55 0.91 0.00	30.33 0.80 0.00	30.96 0.78 0.00	31.48 0.80 0.00	31.89 0.88 0.00	48.26 1.38 0.00	46.45 1.25 0.00	34.80 0.57 0.00	30.85 0.25 0.00	30.55 0.14 0.00	30.48 0.14 0.00	30.84 0.06 0.00	29.68 0.06 0.00	32.21 0.00 0.00	37.30 -0.01 0.00	44.37 0.18 0.00	50.83 0.60 0.00	54.75 1.32 0.00	49.55 1.47 0.00	49.27 1.48 0.00	48.43 1.40 0.00	43.88 1.21 0.00	41.46 1.06 0.00
BORALEX_4TH_BRANCH 23824	44.78 1.33 0.00	35.77 1.13 0.00	30.94 1.40 0.00	31.51 1.33 0.00	32.04 1.36 0.00	32.32 1.31 0.00	48.34 1.46 0.00	46.46 1.25 0.00	35.04 0.81 0.00	31.33 0.73 0.00	31.39 0.70 -0.29	30.88 0.54 0.00	31.12 0.35 0.00	30.02 0.40 0.00	32.73 0.52 0.00	38.06 0.76 0.00	44.66 0.47 0.00	51.29 1.05 0.00	54.19 0.76 0.00	48.62 0.53 0.00	49.06 1.28 0.00	48.49 1.47 0.00	44.09 1.41 0.00	41.85 1.44 0.00
BOWLINE___1 23526	45.66 2.21 0.00	36.34 1.69 0.00	31.12 1.59 0.00	31.64 1.45 0.00	32.10 1.41 0.00	32.44 1.43 0.00	48.66 1.78 0.00	46.95 1.74 0.00	35.86 1.63 0.00	32.30 1.70 0.00	29.12 1.82 3.10	32.23 1.89 0.00	32.79 2.02 0.00	31.52 1.90 0.00	34.35 2.14 0.00	40.00 2.70 0.00	47.13 2.95 0.00	53.11 2.88 0.00	55.91 2.48 0.00	49.96 1.87 0.00	49.54 1.74 0.00	48.90 1.88 0.00	44.31 1.63 0.00	41.94 1.54 0.00
BOWLINE___2 23595	45.66 2.21 0.00	36.34 1.69 0.00	31.12 1.59 0.00	31.64 1.45 0.00	32.10 1.41 0.00	32.44 1.43 0.00	48.66 1.78 0.00	46.95 1.74 0.00	35.86 1.63 0.00	32.30 1.70 0.00	29.12 1.82 3.11	32.23 1.89 0.00	32.79 2.02 0.00	31.52 1.90 0.00	34.35 2.14 0.00	40.00 2.70 0.00	47.13 2.95 0.00	53.11 2.88 0.00	55.91 2.48 0.00	49.96 1.87 0.00	49.54 1.74 0.00	48.90 1.88 0.00	44.31 1.63 0.00	41.94 1.54 0.00
BRADY___115KV_TB2 356060	44.07 0.61 0.00	35.13 0.48 0.00	29.76 0.22 0.00	30.44 0.25 0.00	30.96 0.28 0.00	31.33 0.32 0.00	47.71 0.83 0.00	46.10 0.89 0.00	34.71 0.48 0.00	30.91 0.32 0.00	30.66 0.26 0.00	30.53 0.19 0.00	30.89 0.11 0.00	29.61 -0.01 0.00	32.06 -0.15 0.00	36.95 -0.36 0.00	43.70 -0.49 0.00	49.66 -0.57 0.00	53.15 -0.29 0.00	48.49 0.40 0.00	48.29 0.50 0.00	47.51 0.48 0.00	43.36 0.67 0.00	41.20 0.79 0.00
BRANSCOMB___SOLAR 323811	45.19 1.74 0.00	36.02 1.38 0.00	30.96 1.42 0.00	31.56 1.38 0.00	32.08 1.40 0.00	32.41 1.40 0.00	48.75 1.87 0.00	46.87 1.67 0.00	35.11 0.88 0.00	31.18 0.58 0.00	30.88 0.47 0.00	30.75 0.41 0.00	31.03 0.25 0.00	29.90 0.28 0.00	32.59 0.38 0.00	37.95 0.65 0.00	45.09 0.90 0.00	51.84 1.61 0.00	55.24 1.80 0.00	49.65 1.56 0.00	49.61 1.83 0.00	48.88 1.85 0.00	44.36 1.68 0.00	41.97 1.56 0.00
BRDGHMPT_69_KV_BK1 55812	46.79 3.33 0.00	36.86 2.22 0.00	32.27 2.73 0.00	33.10 2.91 0.00	33.68 3.00 0.00	34.03 3.02 0.00	50.73 3.85 0.00	49.05 3.84 0.00	37.34 3.11 0.00	35.51 3.39 -1.52	249.69 4.28 -215.01	34.21 3.87 0.00	34.73 3.96 0.00	32.99 3.37 0.00	35.88 3.67 0.00	48.34 5.37 -5.66	49.96 5.77 0.00	55.52 5.28 0.00	58.07 4.64 0.00	39.92 2.35 10.51	50.97 3.18 0.00	49.88 2.85 0.00	45.19 2.51 0.00	42.74 2.34 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	46.68 3.23 0.00	37.03 2.39 0.00	32.00 2.47 0.00	32.55 2.37 0.00	32.97 2.29 0.00	33.30 2.29 0.00	49.75 2.88 0.00	47.84 2.64 0.00	36.54 2.31 0.00	34.65 2.53 -1.52	37.10 3.07 -3.62	33.24 2.90 0.00	33.70 2.92 0.00	32.19 2.57 0.00	35.15 2.94 0.00	47.03 4.06 -5.66	48.23 4.04 0.00	53.73 3.50 0.00	56.21 2.78 0.00	39.22 1.43 10.30	49.89 2.10 0.00	49.21 2.19 0.00	44.69 2.01 0.00	42.41 2.00 0.00
BRISTLHL_115KV_TB1 79998	42.35 -1.11 0.00	33.76 -0.89 0.00	28.83 -0.71 0.00	29.45 -0.73 0.00	29.95 -0.73 0.00	30.27 -0.74 0.00	45.71 -1.17 0.00	44.04 -1.16 0.00	33.24 -0.99 0.00	29.65 -0.95 0.00	29.42 -0.99 0.00	29.39 -0.95 0.00	29.86 -0.92 0.00	28.74 -0.88 0.00	31.23 -0.98 0.00	36.12 -1.19 0.00	42.89 -1.30 0.00	48.77 -1.46 0.00	52.18 -1.31 -0.06	47.05 -1.06 -0.02	46.83 -1.11 -0.15	45.99 -1.16 -0.13	41.57 -1.11 0.00	39.30 -1.10 0.00
BROOKHAVEN___DRP 24191	46.12 2.67 0.00	36.55 1.91 0.00	31.91 2.37 0.00	32.59 2.41 0.00	33.03 2.35 0.00	33.37 2.36 0.00	49.64 2.76 0.00	47.75 2.55 0.00	36.42 2.19 0.00	34.60 2.48 -1.52	248.98 3.25 -215.32	33.19 2.84 0.00	33.66 2.88 0.00	32.02 2.40 0.00	34.82 2.62 0.00	46.94 3.97 -5.66	48.17 3.98 0.00	53.54 3.31 0.00	56.12 2.68 0.00	38.61 1.04 10.51	49.73 1.94 0.00	48.80 1.78 0.00	44.18 1.50 0.00	41.86 1.46 0.00
BROOKLYN_NAVY_YARD 23515	46.17 2.72 0.00	36.75 2.11 0.00	31.48 1.94 0.00	31.92 1.73 0.00	32.36 1.68 0.00	32.72 1.71 0.00	49.06 2.18 0.00	47.38 2.17 0.00	36.30 2.06 0.00	32.73 2.13 0.00	34.50 2.22 -1.87	32.65 2.31 0.00	33.22 2.41 -0.02	31.86 2.24 0.00	34.74 2.53 0.00	40.51 3.20 0.00	47.61 3.41 0.00	53.41 3.18 0.00	56.06 2.63 0.00	49.97 1.88 0.00	49.67 1.88 0.00	49.24 2.21 0.00	44.66 1.98 0.00	42.28 1.88 0.00
BROOKLYN___ARMY_DRP 323595	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.83 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.18 2.30 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.76 3.57 0.00	53.46 3.23 0.00	56.09 2.66 0.00	50.18 2.10 0.00	49.90 2.10 0.00	49.43 2.40 0.00	44.85 2.17 0.00	42.47 2.06 0.00
BROOME_2_LFGE 323671	43.34 -0.11 0.00	34.49 -0.16 0.00	29.53 -0.01 0.00	30.16 -0.02 0.00	30.63 -0.05 0.00	31.01 0.00 0.00	46.83 -0.05 0.00	44.92 -0.29 0.00	33.91 -0.32 0.00	30.31 -0.29 0.00	30.07 -0.33 0.00	30.14 -0.20 0.00	30.66 -0.12 0.00	29.47 -0.15 0.00	32.06 -0.15 0.00	37.07 -0.24 0.00	44.19 0.00 0.00	50.06 -0.17 0.00	53.40 -0.01 0.02	48.00 -0.07 0.01	47.63 -0.15 0.00	46.86 -0.20 -0.04	42.48 -0.29 -0.10	40.18 -0.33 -0.10
BROOME___LFGE 323600	43.34 -0.11 0.00	34.49 -0.16 0.00	29.53 -0.01 0.00	30.16 -0.02 0.00	30.63 -0.05 0.00	31.01 0.00 0.00	46.83 -0.05 0.00	44.92 -0.29 0.00	33.91 -0.32 0.00	30.31 -0.29 0.00	30.07 -0.33 0.00	30.14 -0.20 0.00	30.66 -0.12 0.00	29.47 -0.15 0.00	32.06 -0.15 0.00	37.07 -0.24 0.00	44.19 0.00 0.00	50.06 -0.17 0.00	53.40 -0.01 0.02	48.00 -0.07 0.01	47.63 -0.15 0.00	46.86 -0.20 -0.04	42.48 -0.29 -0.10	40.18 -0.33 -0.10
BROWNFLS_115KV_TB 3_5 80003	43.90 0.45 0.00	35.27 0.63 0.00	29.98 0.44 0.00	30.64 0.46 0.00	31.16 0.48 0.00	31.58 0.57 0.00	47.95 1.07 0.00	46.26 1.05 0.00	34.68 0.45 0.00	30.71 0.11 0.00	30.37 -0.04 0.00	30.23 -0.11 0.00	30.54 -0.24 0.00	29.35 -0.28 0.00	31.69 -0.52 0.00	36.47 -0.84 0.00	43.24 -0.95 0.00	49.41 -0.82 0.00	53.28 -0.15 0.00	48.59 0.51 0.00	48.44 0.65 0.00	47.74 0.72 0.00	43.54 0.86 0.00	41.32 0.91 0.00
BROWNSV1_27_KV_LOAD 356125	46.66 3.21 0.00	37.12 2.47 0.00	31.80 2.26 0.00	32.28 2.10 0.00	32.72 2.03 0.00	33.07 2.06 0.00	49.60 2.72 0.00	47.90 2.70 0.00	36.67 2.44 0.00	33.07 2.47 0.00	34.87 2.60 -1.87	33.02 2.68 0.00	33.62 2.81 -0.03	32.22 2.60 0.00	35.13 2.93 0.00	40.98 3.67 0.00	48.15 3.96 0.00	54.00 3.77 0.00	56.70 3.26 0.00	50.55 2.46 0.00	50.27 2.48 0.00	49.80 2.77 0.00	45.16 2.48 0.00	42.73 2.32 0.00
BURROWS___LYONSDAL 23803	44.25 0.80 0.00	35.57 0.93 0.00	30.35 0.81 0.00	30.98 0.79 0.00	31.51 0.83 0.00	31.92 0.91 0.00	48.32 1.44 0.00	46.52 1.31 0.00	34.81 0.58 0.00	30.83 0.22 0.00	30.50 0.09 0.00	30.41 0.07 0.00	30.75 -0.03 0.00	29.59 -0.04 0.00	32.09 -0.12 0.00	37.15 -0.16 0.00	44.21 0.02 0.00	50.68 0.44 0.00	54.67 1.24 0.00	49.59 1.50 0.00	49.33 1.54 0.00	48.49 1.46 0.00	43.96 1.28 0.00	41.54 1.13 0.00
CAITHNESS_CC_1 323624	46.11 2.66 0.00	36.56 1.92 0.00	31.84 2.31 0.00	32.50 2.31 0.00	32.94 2.25 0.00	33.27 2.26 0.00	49.50 2.63 0.00	47.62 2.42 0.00	36.35 2.12 0.00	34.51 2.39 -1.52	55.32 3.10 -21.82	33.10 2.76 0.00	33.56 2.78 0.00	31.97 2.35 0.00	34.80 2.59 0.00	46.83 3.86 -5.66	48.01 3.82 0.00	53.35 3.12 0.00	55.92 2.48 0.00	38.49 0.93 10.52	49.56 1.77 0.00	48.72 1.69 0.00	44.14 1.46 0.00	41.85 1.45 0.00
CALPINE BETH_PAGE_GT4 24209	46.29 2.83 0.00	36.77 2.13 0.00	31.65 2.11 0.00	32.14 1.96 0.00	32.56 1.88 0.00	32.91 1.90 0.00	49.18 2.31 0.00	47.34 2.13 0.00	36.16 1.93 0.00	34.34 2.22 -1.52	35.08 2.60 -2.07	32.85 2.51 0.00	33.33 2.55 0.00	31.89 2.27 0.00	34.75 2.54 0.00	46.44 3.47 -5.66	47.73 3.54 0.00	53.37 3.14 0.00	55.93 2.50 0.00	42.10 1.51 7.49	49.42 1.63 0.00	48.80 1.78 0.00	44.51 1.83 0.00	42.31 1.91 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.29 2.84 0.00	36.77 2.13 0.00	31.64 2.11 0.00	32.14 1.96 0.00	32.56 1.88 0.00	32.91 1.90 0.00	49.18 2.31 0.00	47.34 2.13 0.00	36.16 1.94 0.00	34.34 2.22 -1.52	35.07 2.60 -2.07	32.85 2.51 0.00	33.32 2.55 0.00	31.89 2.27 0.00	34.75 2.54 0.00	46.44 3.47 -5.66	47.73 3.54 0.00	53.37 3.14 0.00	55.94 2.51 0.00	42.08 1.48 7.49	49.42 1.63 0.00	48.80 1.78 0.00	44.50 1.82 0.00	42.31 1.91 0.00
CALPINE_BP_GT1 23823	46.29 2.84 0.00	36.77 2.13 0.00	31.64 2.11 0.00	32.14 1.96 0.00	32.56 1.88 0.00	32.91 1.90 0.00	49.18 2.31 0.00	47.34 2.13 0.00	36.16 1.94 0.00	34.34 2.22 -1.52	35.07 2.60 -2.07	32.85 2.51 0.00	33.32 2.55 0.00	31.89 2.27 0.00	34.75 2.54 0.00	46.44 3.47 -5.66	47.73 3.54 0.00	53.37 3.14 0.00	55.94 2.51 0.00	42.08 1.48 7.49	49.42 1.63 0.00	48.80 1.78 0.00	44.50 1.82 0.00	42.31 1.91 0.00
CALSPAN___DRP 24200	42.09 -1.36 0.00	33.45 -1.19 0.00	28.50 -1.04 0.00	29.07 -1.11 0.00	29.51 -1.17 0.00	29.98 -1.03 0.00	45.50 -1.38 0.00	43.60 -1.60 0.00	33.00 -1.23 0.00	29.70 -0.90 0.00	29.35 -1.06 0.00	29.46 -0.88 0.00	30.06 -0.72 0.00	28.86 -0.76 0.00	31.42 -0.79 0.00	35.74 -1.57 0.00	42.87 -1.32 0.00	48.22 -2.01 0.00	51.54 -1.82 0.07	46.78 -1.28 0.03	45.95 -1.65 0.20	45.01 -1.86 0.16	41.02 -1.65 0.01	38.70 -1.71 0.00

CALVERTON___SOLAR 323806	46.20 2.74 0.00	36.57 1.93 0.00	31.98 2.44 0.00	32.69 2.50 0.00	33.15 2.46 0.00	33.49 2.48 0.00	49.79 2.91 0.00	47.93 2.73 0.00	36.56 2.33 0.00	34.72 2.60 -1.52	234.56 3.42 -200.73	33.31 2.97 0.00	33.78 3.01 0.00	32.10 2.48 0.00	34.91 2.70 0.00	47.10 4.13 -5.66	48.39 4.20 0.00	53.80 3.57 0.00	56.38 2.95 0.00	38.70 1.12 10.51	49.92 2.13 0.00	48.92 1.90 0.00	44.26 1.58 0.00	41.92 1.51 0.00
CANDIGU_WT_PWR 323617	42.74 -0.71 0.00	33.97 -0.68 0.00	29.05 -0.49 0.00	29.68 -0.51 0.00	30.09 -0.59 0.00	30.50 -0.51 0.00	46.27 -0.61 0.00	44.27 -0.94 0.00	33.19 -1.04 0.00	29.62 -0.98 0.00	29.19 -1.22 0.00	29.25 -1.09 0.00	29.63 -1.15 0.00	28.51 -1.11 0.00	31.14 -1.07 0.00	35.85 -1.46 0.00	42.98 -1.22 0.00	48.69 -1.55 0.00	52.41 -0.97 0.05	47.49 -0.58 0.02	47.10 -0.72 -0.02	46.28 -0.89 -0.14	42.02 -0.97 -0.31	39.58 -1.13 -0.30
CARR STREET_E_SYR 24060	42.79 -0.66 0.00	34.09 -0.55 0.00	29.12 -0.42 0.00	29.75 -0.43 0.00	30.25 -0.44 0.00	30.58 -0.43 0.00	46.20 -0.68 0.00	44.49 -0.72 0.00	33.58 -0.64 0.00	29.99 -0.61 0.00	29.79 -0.62 0.00	29.79 -0.56 0.00	30.26 -0.52 0.00	29.11 -0.52 0.00	31.65 -0.56 0.00	36.59 -0.72 0.00	43.51 -0.68 0.00	49.48 -0.75 0.00	52.78 -0.63 0.03	47.54 -0.53 0.01	47.07 -0.63 0.09	46.26 -0.70 0.07	41.97 -0.71 0.00	39.68 -0.72 0.00
CARTHAGE___PAPER 23857	44.59 1.13 0.00	35.99 1.35 0.00	30.63 1.09 0.00	31.28 1.09 0.00	31.82 1.14 0.00	32.29 1.29 0.00	48.96 2.08 0.00	47.16 1.96 0.00	35.05 0.82 0.00	30.82 0.22 0.00	30.37 -0.04 0.00	30.24 -0.11 0.00	30.51 -0.26 0.00	29.38 -0.24 0.00	31.78 -0.42 0.00	36.70 -0.61 0.00	43.75 -0.44 0.00	50.38 0.15 0.00	54.88 1.44 0.00	50.30 2.21 0.00	50.08 2.29 0.00	49.21 2.18 0.00	44.60 1.92 0.00	42.13 1.73 0.00
CASSADAGA_WT_PWR 323784	43.21 -0.25 0.00	34.26 -0.38 0.00	29.23 -0.31 0.00	29.86 -0.33 0.00	30.34 -0.34 0.00	30.88 -0.13 0.00	46.96 0.08 0.00	45.07 -0.13 0.00	34.03 -0.20 0.00	30.56 -0.04 0.00	30.09 -0.31 0.00	30.26 -0.08 0.00	30.86 0.08 0.00	29.56 -0.06 0.00	32.16 -0.05 0.00	36.76 -0.55 0.00	44.16 -0.03 0.00	49.60 -0.63 0.00	53.10 -0.27 0.06	48.12 0.06 0.02	47.09 -0.25 0.44	45.88 -0.57 0.58	41.29 -0.84 0.54	38.68 -1.21 0.51
CE_DUNWOOD___DRP 24194	45.94 2.49 0.00	36.57 1.93 0.00	31.35 1.81 0.00	31.85 1.67 0.00	32.30 1.62 0.00	32.64 1.63 0.00	48.96 2.08 0.00	47.24 2.03 0.00	36.10 1.87 0.00	32.55 1.95 0.00	34.50 2.10 -2.00	32.49 2.15 0.00	33.04 2.27 0.00	31.74 2.12 0.00	34.60 2.39 0.00	40.32 3.01 0.00	47.45 3.26 0.00	53.35 3.11 0.00	56.09 2.66 0.00	50.05 1.96 0.00	49.70 1.91 0.00	49.13 2.11 0.00	44.54 1.86 0.00	42.18 1.78 0.00
CE_MILLWOOD___DRP 24193	45.83 2.38 0.00	36.47 1.82 0.00	31.26 1.73 0.00	31.77 1.59 0.00	32.22 1.54 0.00	32.56 1.55 0.00	48.83 1.95 0.00	47.13 1.92 0.00	35.99 1.76 0.00	32.43 1.83 0.00	34.42 1.98 -2.04	32.37 2.02 0.00	32.91 2.13 0.00	31.62 2.00 0.00	34.47 2.26 0.00	40.16 2.85 0.00	47.28 3.09 0.00	53.23 3.00 0.00	56.01 2.57 0.00	49.98 1.89 0.00	49.63 1.84 0.00	49.05 2.02 0.00	44.46 1.78 0.00	42.10 1.69 0.00
CE_NYC2_DRP 24202	46.08 2.63 0.00	36.74 2.09 0.00	31.51 1.97 0.00	31.96 1.78 0.00	32.41 1.73 0.00	32.78 1.77 0.00	49.07 2.19 0.00	47.39 2.19 0.00	36.35 2.12 0.00	32.77 2.17 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.29 2.48 -0.03	31.93 2.31 0.00	34.84 2.63 0.00	40.65 3.34 0.00	47.65 3.47 0.00	53.33 3.10 0.00	51.34 2.50 4.59	49.95 1.87 0.00	49.68 1.89 0.00	49.23 2.21 0.00	44.68 2.00 0.00	42.37 1.96 0.00
CE_NYC_DRP 24195	46.32 2.87 0.00	36.87 2.22 0.00	31.60 2.06 0.00	32.08 1.89 0.00	32.51 1.84 0.00	32.86 1.86 0.00	49.28 2.40 0.00	47.60 2.39 0.00	36.44 2.21 0.00	32.88 2.28 0.00	34.68 2.41 -1.87	32.83 2.49 0.00	33.42 2.61 -0.03	32.04 2.42 0.00	34.94 2.73 0.00	40.75 3.44 0.00	47.86 3.67 0.00	53.66 3.43 0.00	56.34 2.91 0.00	50.22 2.13 0.00	49.93 2.14 0.00	49.47 2.45 0.00	44.87 2.19 0.00	42.48 2.07 0.00
CHAFFEE___LFGE 323603	42.31 -1.14 0.00	33.56 -1.08 0.00	28.60 -0.93 0.00	29.17 -1.01 0.00	29.62 -1.07 0.00	30.10 -0.90 0.00	45.69 -1.18 0.00	43.82 -1.38 0.00	33.14 -1.09 0.00	29.80 -0.80 0.00	29.42 -0.99 0.00	29.53 -0.82 0.00	30.15 -0.63 0.00	28.94 -0.68 0.00	31.50 -0.71 0.00	35.89 -1.42 0.00	43.05 -1.14 0.00	48.49 -1.74 0.00	51.86 -1.51 0.07	47.01 -1.05 0.03	45.96 -1.41 0.43	44.88 -1.61 0.54	40.70 -1.49 0.49	38.40 -1.54 0.47
CHATEAUG_35_KV_LOAD 355732	43.31 -0.14 0.00	34.48 -0.17 0.00	29.24 -0.29 0.00	29.89 -0.29 0.00	30.38 -0.30 0.00	30.73 -0.28 0.00	46.74 -0.13 0.00	45.25 0.05 0.00	34.33 0.11 0.00	30.57 -0.03 0.00	30.34 -0.07 0.00	30.15 -0.19 0.00	30.55 -0.22 0.00	29.37 -0.25 0.00	31.87 -0.34 0.00	36.89 -0.42 0.00	43.79 -0.40 0.00	49.90 -0.33 0.00	53.30 -0.13 0.00	48.28 0.20 0.00	48.05 0.25 0.00	47.15 0.12 0.00	42.82 0.14 0.00	40.61 0.20 0.00
CHATEAUG_WT_PWR 323614	43.30 -0.15 0.00	34.48 -0.17 0.00	29.24 -0.30 0.00	29.89 -0.29 0.00	30.38 -0.30 0.00	30.72 -0.29 0.00	46.72 -0.16 0.00	45.22 0.01 0.00	34.37 0.14 0.00	30.60 0.00 0.00	30.36 -0.04 0.00	30.18 -0.17 0.00	30.59 -0.19 0.00	29.41 -0.22 0.00	31.91 -0.30 0.00	36.95 -0.36 0.00	43.86 -0.33 0.00	49.96 -0.27 0.00	53.36 -0.07 0.00	48.23 0.14 0.00	47.98 0.19 0.00	47.10 0.08 0.00	42.78 0.10 0.00	40.58 0.17 0.00
CHAT_HIGH_FALL_HYD 323578	43.31 -0.14 0.00	34.48 -0.17 0.00	29.24 -0.29 0.00	29.89 -0.29 0.00	30.38 -0.30 0.00	30.73 -0.28 0.00	46.74 -0.13 0.00	45.25 0.05 0.00	34.33 0.11 0.00	30.57 -0.03 0.00	30.34 -0.07 0.00	30.15 -0.19 0.00	30.55 -0.22 0.00	29.37 -0.25 0.00	31.87 -0.34 0.00	36.89 -0.42 0.00	43.79 -0.40 0.00	49.90 -0.33 0.00	53.30 -0.13 0.00	48.28 0.20 0.00	48.05 0.25 0.00	47.15 0.12 0.00	42.82 0.14 0.00	40.61 0.20 0.00
CHAUTAUQUA___LFGE 323629	42.63 -0.82 0.00	33.82 -0.82 0.00	28.85 -0.68 0.00	29.47 -0.72 0.00	29.93 -0.75 0.00	30.45 -0.56 0.00	46.27 -0.61 0.00	44.34 -0.87 0.00	33.48 -0.75 0.00	30.10 -0.50 0.00	29.63 -0.78 0.00	29.82 -0.52 0.00	30.46 -0.31 0.00	29.21 -0.41 0.00	31.77 -0.44 0.00	36.27 -1.04 0.00	43.59 -0.60 0.00	48.96 -1.28 0.00	52.38 -0.99 0.07	47.45 -0.61 0.03	46.47 -0.89 0.43	45.30 -1.18 0.54	40.92 -1.26 0.50	38.47 -1.47 0.47
CHERRYST_13_KV_LD 356241	46.47 3.02 0.00	36.97 2.33 0.00	31.69 2.15 0.00	32.17 1.98 0.00	32.62 1.94 0.00	32.96 1.95 0.00	49.45 2.57 0.00	47.76 2.56 0.00	36.57 2.35 0.00	33.00 2.41 0.00	34.81 2.53 -1.87	32.96 2.62 0.00	33.54 2.74 -0.03	32.16 2.55 0.00	35.07 2.86 0.00	40.90 3.60 0.00	48.05 3.86 0.00	53.87 3.63 0.00	56.55 3.12 0.00	50.39 2.31 0.00	50.09 2.30 0.00	49.63 2.61 0.00	45.00 2.32 0.00	42.60 2.19 0.00

CHESTROR_138KV_BK263 355645	45.39 1.94 0.00	36.12 1.48 0.00	30.95 1.42 0.00	31.49 1.31 0.00	31.95 1.27 0.00	32.28 1.27 0.00	48.44 1.56 0.00	46.74 1.54 0.00	35.64 1.41 0.00	32.04 1.44 0.00	29.95 1.53 1.98	31.92 1.57 0.00	32.46 1.69 0.00	31.22 1.59 0.00	34.00 1.80 0.00	39.58 2.27 0.00	46.68 2.49 0.00	52.71 2.48 0.00	55.63 2.20 0.00	49.76 1.67 0.00	49.36 1.57 0.00	48.69 1.66 0.00	44.12 1.44 0.00	41.75 1.35 0.00
CH_MIDHUDSON___DRP 24192	45.74 2.28 0.00	36.42 1.78 0.00	31.23 1.69 0.00	31.75 1.57 0.00	32.22 1.53 0.00	32.54 1.53 0.00	48.81 1.93 0.00	47.10 1.90 0.00	35.91 1.68 0.00	32.31 1.70 0.00	32.25 1.84 0.00	32.19 1.85 0.00	32.70 1.92 0.00	31.45 1.83 0.00	34.27 2.06 0.00	39.93 2.62 0.00	47.06 2.88 0.00	53.17 2.94 0.00	56.02 2.59 0.00	50.02 1.93 0.00	49.69 1.90 0.00	49.05 2.03 0.00	44.46 1.78 0.00	42.10 1.70 0.00
CH_MISC_IPPS 23765	46.03 2.58 0.00	36.62 1.98 0.00	31.38 1.85 0.00	31.91 1.72 0.00	32.37 1.69 0.00	32.71 1.70 0.00	49.10 2.22 0.00	47.36 2.16 0.00	36.10 1.87 0.00	32.47 1.87 0.00	32.40 1.99 0.00	32.36 2.02 0.00	32.90 2.12 0.00	31.64 2.02 0.00	34.49 2.28 0.00	40.20 2.89 0.00	47.45 3.26 0.00	53.60 3.37 0.00	56.49 3.05 0.00	50.44 2.35 0.00	50.05 2.26 0.00	49.37 2.35 0.00	44.72 2.04 0.00	42.31 1.91 0.00
CH_RES_BVR_FALLS 23983	43.32 -0.13 0.00	34.55 -0.10 0.00	29.43 -0.11 0.00	30.08 -0.11 0.00	30.57 -0.11 0.00	30.89 -0.12 0.00	46.79 -0.09 0.00	45.16 -0.04 0.00	34.22 -0.01 0.00	30.57 -0.03 0.00	30.36 -0.04 0.00	30.28 -0.07 0.00	30.69 -0.09 0.00	29.53 -0.09 0.00	32.10 -0.11 0.00	37.16 -0.15 0.00	44.04 -0.15 0.00	50.08 -0.15 0.00	53.33 -0.10 0.00	48.05 -0.04 0.00	47.75 -0.04 0.00	46.96 -0.07 0.00	42.63 -0.05 0.00	40.38 -0.02 0.00
CH_RES_NIAGARA 23895	40.99 -2.47 0.00	32.62 -2.02 0.00	27.81 -1.72 0.00	28.37 -1.82 0.00	28.80 -1.88 0.00	29.23 -1.77 0.00	44.33 -2.55 0.00	42.43 -2.78 0.00	32.16 -2.07 0.00	29.02 -1.57 0.00	28.70 -1.71 0.00	28.80 -1.54 0.00	29.35 -1.42 0.00	28.19 -1.43 0.00	30.69 -1.52 0.00	34.80 -2.51 0.00	41.54 -2.65 0.00	46.47 -3.76 0.00	49.57 -3.79 0.07	45.10 -2.95 0.03	44.23 -3.35 0.21	43.36 -3.48 0.17	39.70 -2.97 0.01	37.64 -2.76 0.00
CH_RES_SYRACUSE 23985	43.13 -0.33 0.00	34.34 -0.30 0.00	29.35 -0.19 0.00	29.99 -0.19 0.00	30.49 -0.19 0.00	30.83 -0.17 0.00	46.58 -0.30 0.00	44.86 -0.35 0.00	33.79 -0.44 0.00	30.11 -0.49 0.00	29.89 -0.52 0.00	29.89 -0.45 0.00	30.34 -0.43 0.00	29.19 -0.43 0.00	31.76 -0.45 0.00	36.73 -0.58 0.00	43.71 -0.48 0.00	49.79 -0.44 0.00	53.25 -0.20 -0.01	47.93 -0.16 0.00	47.60 -0.22 -0.03	46.75 -0.31 -0.03	42.29 -0.39 0.00	39.99 -0.41 0.00
CLINTON_WT_PWR 323605	43.30 -0.15 0.00	34.48 -0.17 0.00	29.24 -0.30 0.00	29.89 -0.29 0.00	30.38 -0.30 0.00	30.72 -0.29 0.00	46.72 -0.16 0.00	45.22 0.01 0.00	34.37 0.14 0.00	30.60 0.00 0.00	30.36 -0.04 0.00	30.18 -0.17 0.00	30.59 -0.19 0.00	29.41 -0.22 0.00	31.91 -0.30 0.00	36.95 -0.36 0.00	43.86 -0.33 0.00	49.96 -0.27 0.00	53.36 -0.07 0.00	48.23 0.14 0.00	47.98 0.19 0.00	47.10 0.08 0.00	42.78 0.10 0.00	40.58 0.17 0.00
CLINTON___LFGE 323618	43.78 0.32 0.00	34.89 0.25 0.00	29.61 0.08 0.00	30.24 0.06 0.00	30.74 0.06 0.00	31.09 0.08 0.00	47.23 0.35 0.00	45.67 0.47 0.00	34.71 0.48 0.00	30.84 0.24 0.00	30.60 0.19 0.00	30.37 0.03 0.00	30.79 0.02 0.00	29.63 0.01 0.00	32.18 -0.03 0.00	37.28 -0.03 0.00	44.26 0.07 0.00	50.43 0.19 0.00	53.95 0.51 0.00	48.83 0.75 0.00	48.61 0.82 0.00	47.71 0.69 0.00	43.29 0.61 0.00	41.06 0.65 0.00
COBBLENY_34_KV_TB1 80064	42.31 -1.14 0.00	33.57 -1.08 0.00	28.60 -0.93 0.00	29.18 -1.01 0.00	29.62 -1.07 0.00	30.10 -0.90 0.00	45.68 -1.19 0.00	43.82 -1.39 0.00	33.14 -1.09 0.00	29.80 -0.81 0.00	29.41 -0.99 0.00	29.53 -0.82 0.00	30.15 -0.63 0.00	28.94 -0.68 0.00	31.50 -0.71 0.00	35.88 -1.42 0.00	43.05 -1.14 0.00	48.49 -1.74 0.00	51.86 -1.50 0.07	47.02 -1.04 0.03	46.20 -1.41 0.19	45.24 -1.62 0.16	41.18 -1.50 0.01	38.86 -1.55 0.00
COFFEEN___115KV_TB3 355620	44.54 1.09 0.00	35.96 1.32 0.00	30.62 1.08 0.00	31.26 1.07 0.00	31.80 1.11 0.00	32.29 1.28 0.00	48.90 2.02 0.00	47.11 1.90 0.00	34.92 0.69 0.00	30.68 0.08 0.00	30.23 -0.18 0.00	30.14 -0.20 0.00	30.43 -0.35 0.00	29.32 -0.30 0.00	31.70 -0.51 0.00	36.62 -0.69 0.00	43.67 -0.52 0.00	50.30 0.07 0.00	54.91 1.48 0.00	50.47 2.39 0.00	50.26 2.46 0.00	49.37 2.35 0.00	44.63 1.95 0.00	42.08 1.68 0.00
COLDSPRG_115KV_BK1 355956	43.66 0.21 0.00	34.63 -0.02 0.00	29.60 0.06 0.00	30.25 0.06 0.00	30.70 0.02 0.00	31.29 0.28 0.00	47.49 0.61 0.00	45.66 0.45 0.00	34.48 0.25 0.00	31.00 0.40 0.00	30.50 0.09 0.00	30.60 0.26 0.00	31.12 0.34 0.00	29.78 0.16 0.00	32.40 0.19 0.00	37.15 -0.16 0.00	44.53 0.34 0.00	50.00 -0.24 0.00	53.47 0.10 0.06	48.40 0.34 0.02	47.61 -0.01 0.17	46.60 -0.28 0.14	42.13 -0.54 0.01	39.70 -0.71 0.00
COLONIE_LFGE___ 323577	44.66 1.21 0.00	35.66 1.02 0.00	30.68 1.15 0.00	31.27 1.09 0.00	31.78 1.10 0.00	32.08 1.07 0.00	48.11 1.24 0.00	46.33 1.12 0.00	34.95 0.72 0.00	31.21 0.61 0.00	31.26 0.59 -0.27	30.85 0.51 0.00	31.17 0.40 0.00	30.05 0.43 0.00	32.72 0.52 0.00	38.03 0.72 0.00	44.94 0.75 0.00	51.43 1.20 0.00	54.52 1.09 0.00	48.96 0.87 0.00	48.97 1.18 0.00	48.27 1.25 0.00	43.84 1.16 0.00	41.52 1.11 0.00
COOPERNY_115KV_TB1 80082	44.77 1.32 0.00	35.65 1.00 0.00	30.54 1.00 0.00	31.11 0.92 0.00	31.58 0.90 0.00	31.90 0.89 0.00	47.94 1.06 0.00	46.22 1.01 0.00	35.16 0.94 0.00	31.58 0.97 0.00	30.51 1.03 0.93	31.41 1.07 0.00	31.92 1.14 0.00	30.71 1.09 0.00	33.43 1.22 0.00	38.84 1.53 0.00	45.89 1.70 0.00	51.92 1.69 0.00	54.92 1.49 0.00	49.18 1.10 0.00	48.80 1.01 0.00	48.11 1.09 0.00	43.62 0.94 0.00	41.28 0.88 0.00
COPENHAGEN_WT_PWR 323753	43.99 0.54 0.00	35.67 1.02 0.00	30.38 0.84 0.00	31.02 0.83 0.00	31.55 0.87 0.00	32.01 1.01 0.00	48.46 1.59 0.00	46.71 1.50 0.00	34.71 0.48 0.00	30.56 -0.04 0.00	30.14 -0.27 0.00	30.03 -0.31 0.00	30.30 -0.47 0.00	29.20 -0.42 0.00	31.59 -0.62 0.00	36.51 -0.80 0.00	43.51 -0.67 0.00	50.08 -0.16 0.00	54.47 1.04 0.00	49.98 1.89 0.00	49.77 1.98 0.00	48.88 1.86 0.00	44.23 1.55 0.00	41.73 1.32 0.00
CORNELL_____ 23752	43.83 0.38 0.00	34.87 0.23 0.00	29.81 0.27 0.00	30.45 0.26 0.00	30.94 0.26 0.00	31.33 0.32 0.00	47.38 0.50 0.00	45.58 0.38 0.00	34.23 0.00 0.00	30.38 -0.22 0.00	30.05 -0.35 0.00	30.03 -0.31 0.00	30.48 -0.29 0.00	29.31 -0.32 0.00	31.89 -0.31 0.00	36.86 -0.45 0.00	43.92 -0.27 0.00	50.15 -0.08 0.00	53.97 0.55 0.02	48.82 0.74 0.01	48.41 0.67 0.05	47.54 0.56 0.04	43.01 0.34 0.00	40.62 0.22 0.00

CORONA_V_69_KV_TB1 355595	46.57 3.12 0.00	36.98 2.34 0.00	31.77 2.23 0.00	32.26 2.07 0.00	32.69 2.01 0.00	33.04 2.03 0.00	49.42 2.54 0.00	47.59 2.38 0.00	36.35 2.12 0.00	34.46 2.34 -1.52	34.89 2.64 -1.85	32.94 2.60 0.00	33.46 2.68 0.00	32.09 2.47 0.00	35.06 2.85 0.00	46.71 3.74 -5.66	48.08 3.89 0.00	53.90 3.67 0.00	56.47 3.04 0.00	50.15 2.07 0.00	50.08 2.29 0.00	49.43 2.40 0.00	44.84 2.16 0.00	42.53 2.12 0.00
CORTLAND_115KV_TB3 80093	43.60 0.15 0.00	34.71 0.07 0.00	29.68 0.14 0.00	30.32 0.13 0.00	30.81 0.12 0.00	31.18 0.17 0.00	47.13 0.25 0.00	45.33 0.13 0.00	34.12 -0.11 0.00	30.38 -0.22 0.00	30.11 -0.29 0.00	30.11 -0.24 0.00	30.57 -0.20 0.00	29.40 -0.22 0.00	31.99 -0.22 0.00	36.98 -0.33 0.00	44.03 -0.16 0.00	50.13 -0.10 0.00	53.70 0.29 0.02	48.45 0.37 0.01	48.05 0.30 0.04	47.21 0.22 0.04	42.76 0.08 0.00	40.40 0.00 0.00
COXSACKIE___GT 23611	45.55 2.09 0.00	36.47 1.82 0.00	31.38 1.84 0.00	32.00 1.82 0.00	32.52 1.84 0.00	32.88 1.88 0.00	49.42 2.54 0.00	47.72 2.51 0.00	35.90 1.67 0.00	31.60 1.00 0.00	31.27 0.87 0.00	31.39 1.05 0.00	31.64 0.86 0.00	30.50 0.88 0.00	33.19 0.98 0.00	38.62 1.31 0.00	45.82 1.63 0.00	52.63 2.40 0.00	56.39 2.96 0.00	50.92 2.83 0.00	50.69 2.90 0.00	49.80 2.78 0.00	45.08 2.40 0.00	42.54 2.13 0.00
CPV_VALLEY___CC1 323721	45.00 1.54 0.00	35.83 1.18 0.00	30.70 1.17 0.00	31.25 1.07 0.00	31.71 1.03 0.00	32.03 1.03 0.00	48.06 1.18 0.00	46.36 1.16 0.00	35.34 1.10 0.00	31.79 1.19 0.00	30.40 1.28 1.29	31.66 1.32 0.00	32.20 1.42 0.00	30.96 1.34 0.00	33.71 1.51 0.00	39.21 1.90 0.00	46.25 2.06 0.00	52.25 2.01 0.00	55.13 1.70 0.00	49.31 1.22 0.00	48.92 1.13 0.00	48.28 1.25 0.00	43.75 1.08 0.00	41.41 1.01 0.00
CPV_VALLEY___CC2 323722	45.00 1.54 0.00	35.83 1.18 0.00	30.70 1.17 0.00	31.25 1.07 0.00	31.71 1.03 0.00	32.03 1.03 0.00	48.06 1.18 0.00	46.36 1.16 0.00	35.34 1.10 0.00	31.79 1.19 0.00	30.40 1.28 1.29	31.66 1.32 0.00	32.20 1.42 0.00	30.96 1.34 0.00	33.71 1.51 0.00	39.21 1.90 0.00	46.25 2.06 0.00	52.25 2.01 0.00	55.13 1.70 0.00	49.31 1.22 0.00	48.92 1.13 0.00	48.28 1.25 0.00	43.75 1.08 0.00	41.41 1.01 0.00
CRESCENT___HYD 24018	44.66 1.21 0.00	35.66 1.02 0.00	30.68 1.15 0.00	31.27 1.09 0.00	31.78 1.10 0.00	32.08 1.07 0.00	48.11 1.24 0.00	46.33 1.12 0.00	34.95 0.72 0.00	31.21 0.61 0.00	31.26 0.59 -0.27	30.85 0.51 0.00	31.17 0.40 0.00	30.05 0.43 0.00	32.72 0.52 0.00	38.03 0.72 0.00	44.94 0.75 0.00	51.43 1.20 0.00	54.52 1.09 0.00	48.96 0.87 0.00	48.97 1.18 0.00	48.27 1.25 0.00	43.84 1.16 0.00	41.52 1.11 0.00
CRICKET___VALLEY_CC1 323756	45.25 1.80 0.00	36.07 1.43 0.00	30.96 1.42 0.00	31.46 1.28 0.00	31.92 1.24 0.00	32.23 1.22 0.00	48.33 1.45 0.00	46.67 1.46 0.00	35.56 1.33 0.00	32.02 1.42 0.00	32.82 1.64 -0.78	31.93 1.59 0.00	32.39 1.62 0.00	31.17 1.55 0.00	33.97 1.76 0.00	39.57 2.26 0.00	46.61 2.42 0.00	52.71 2.48 0.00	55.47 2.03 0.00	49.51 1.43 0.00	49.23 1.44 0.00	48.64 1.62 0.00	44.10 1.42 0.00	41.78 1.38 0.00
CRICKET___VALLEY_CC2 323757	45.25 1.80 0.00	36.07 1.43 0.00	30.96 1.42 0.00	31.46 1.28 0.00	31.92 1.24 0.00	32.23 1.22 0.00	48.33 1.45 0.00	46.67 1.46 0.00	35.56 1.33 0.00	32.02 1.42 0.00	32.82 1.64 -0.78	31.93 1.59 0.00	32.39 1.62 0.00	31.17 1.55 0.00	33.97 1.76 0.00	39.57 2.26 0.00	46.61 2.42 0.00	52.71 2.48 0.00	55.47 2.03 0.00	49.51 1.43 0.00	49.23 1.44 0.00	48.64 1.62 0.00	44.10 1.42 0.00	41.78 1.38 0.00
CRICKET___VALLEY_CC3 323758	45.25 1.80 0.00	36.07 1.43 0.00	30.96 1.42 0.00	31.46 1.28 0.00	31.92 1.24 0.00	32.23 1.22 0.00	48.33 1.45 0.00	46.67 1.46 0.00	35.56 1.33 0.00	32.02 1.42 0.00	32.82 1.64 -0.78	31.93 1.59 0.00	32.39 1.62 0.00	31.17 1.55 0.00	33.97 1.76 0.00	39.57 2.26 0.00	46.61 2.42 0.00	52.71 2.48 0.00	55.47 2.03 0.00	49.51 1.43 0.00	49.23 1.44 0.00	48.64 1.62 0.00	44.10 1.42 0.00	41.78 1.38 0.00
CRUCIBLE_METL_DRP 24180	43.12 -0.33 0.00	34.34 -0.30 0.00	29.35 -0.19 0.00	29.99 -0.19 0.00	30.49 -0.19 0.00	30.83 -0.18 0.00	46.58 -0.30 0.00	44.85 -0.36 0.00	33.79 -0.44 0.00	30.11 -0.49 0.00	29.89 -0.52 0.00	29.89 -0.45 0.00	30.35 -0.43 0.00	29.19 -0.43 0.00	31.76 -0.44 0.00	36.73 -0.58 0.00	43.71 -0.48 0.00	49.79 -0.44 0.00	53.25 -0.20 -0.01	47.93 -0.16 0.00	47.60 -0.23 -0.03	46.75 -0.31 -0.03	42.29 -0.39 0.00	40.00 -0.41 0.00
DAHOWA___HYDRO 323763	45.40 1.95 0.00	36.16 1.52 0.00	31.10 1.56 0.00	31.69 1.50 0.00	32.22 1.53 0.00	32.55 1.54 0.00	49.00 2.12 0.00	47.10 1.90 0.00	35.23 1.00 0.00	31.24 0.64 0.00	30.92 0.51 0.00	30.78 0.43 0.00	31.04 0.26 0.00	29.92 0.30 0.00	32.61 0.40 0.00	38.02 0.71 0.00	45.23 1.04 0.00	52.06 1.83 0.00	55.50 2.07 0.00	49.89 1.80 0.00	49.88 2.09 0.00	49.11 2.09 0.00	44.56 1.88 0.00	42.15 1.74 0.00
DANC___LFGE 323619	43.40 -0.05 0.00	34.96 0.31 0.00	29.81 0.27 0.00	30.43 0.24 0.00	30.95 0.27 0.00	31.36 0.35 0.00	47.43 0.56 0.00	45.71 0.50 0.00	34.16 -0.07 0.00	30.21 -0.40 0.00	29.86 -0.55 0.00	29.79 -0.55 0.00	30.13 -0.65 0.00	29.02 -0.60 0.00	31.46 -0.75 0.00	36.36 -0.95 0.00	43.25 -0.94 0.00	49.53 -0.70 0.00	53.55 0.11 -0.01	48.82 0.73 0.00	48.65 0.82 -0.04	47.80 0.75 -0.03	43.24 0.56 0.00	40.82 0.42 0.00
DANSKAMMER___1 23586	46.03 2.58 0.00	36.62 1.98 0.00	31.38 1.85 0.00	31.91 1.72 0.00	32.37 1.69 0.00	32.71 1.70 0.00	49.10 2.22 0.00	47.36 2.16 0.00	36.10 1.87 0.00	32.47 1.87 0.00	32.40 1.99 0.00	32.36 2.02 0.00	32.90 2.12 0.00	31.64 2.02 0.00	34.49 2.28 0.00	40.20 2.89 0.00	47.45 3.26 0.00	53.60 3.37 0.00	56.49 3.05 0.00	50.44 2.35 0.00	50.05 2.26 0.00	49.37 2.35 0.00	44.72 2.04 0.00	42.31 1.91 0.00
DANSKAMMER___2 23589	46.03 2.58 0.00	36.62 1.98 0.00	31.38 1.85 0.00	31.91 1.72 0.00	32.37 1.69 0.00	32.71 1.70 0.00	49.10 2.22 0.00	47.36 2.16 0.00	36.10 1.87 0.00	32.47 1.87 0.00	32.40 1.99 0.00	32.36 2.02 0.00	32.90 2.12 0.00	31.64 2.02 0.00	34.49 2.28 0.00	40.20 2.89 0.00	47.45 3.26 0.00	53.60 3.37 0.00	56.49 3.05 0.00	50.44 2.35 0.00	50.05 2.26 0.00	49.37 2.35 0.00	44.72 2.04 0.00	42.31 1.91 0.00
DANSKAMMER___3 23590	46.03 2.58 0.00	36.62 1.98 0.00	31.38 1.85 0.00	31.91 1.72 0.00	32.37 1.69 0.00	32.71 1.70 0.00	49.10 2.22 0.00	47.36 2.16 0.00	36.10 1.87 0.00	32.47 1.87 0.00	32.40 1.99 0.00	32.36 2.02 0.00	32.90 2.12 0.00	31.64 2.02 0.00	34.49 2.28 0.00	40.20 2.89 0.00	47.45 3.26 0.00	53.60 3.37 0.00	56.49 3.05 0.00	50.44 2.35 0.00	50.05 2.26 0.00	49.37 2.35 0.00	44.72 2.04 0.00	42.31 1.91 0.00

DANSKAMMER___4 23591	46.03 2.58 0.00	36.62 1.98 0.00	31.38 1.85 0.00	31.91 1.72 0.00	32.37 1.69 0.00	32.71 1.70 0.00	49.10 2.22 0.00	47.36 2.16 0.00	36.10 1.87 0.00	32.47 1.87 0.00	32.40 1.99 0.00	32.36 2.02 0.00	32.90 2.12 0.00	31.64 2.02 0.00	34.49 2.28 0.00	40.20 2.89 0.00	47.45 3.26 0.00	53.60 3.37 0.00	56.49 3.05 0.00	50.44 2.35 0.00	50.05 2.26 0.00	49.37 2.35 0.00	44.72 2.04 0.00	42.31 1.91 0.00
DANSKAMMER___DIESEL 23592	46.03 2.58 0.00	36.62 1.98 0.00	31.38 1.85 0.00	31.91 1.72 0.00	32.37 1.69 0.00	32.71 1.70 0.00	49.10 2.23 0.00	47.36 2.15 0.00	36.10 1.87 0.00	32.47 1.87 0.00	32.40 1.99 0.00	32.36 2.02 0.00	32.90 2.12 0.00	31.64 2.02 0.00	34.49 2.28 0.00	40.20 2.89 0.00	47.45 3.26 0.00	53.59 3.36 0.00	56.49 3.05 0.00	50.45 2.36 0.00	50.05 2.27 0.00	49.37 2.35 0.00	44.73 2.05 0.00	42.32 1.92 0.00
DARBY___SOLAR 323810	45.18 1.73 0.00	36.01 1.37 0.00	30.96 1.42 0.00	31.56 1.38 0.00	32.07 1.39 0.00	32.40 1.39 0.00	48.74 1.87 0.00	46.86 1.66 0.00	35.11 0.88 0.00	31.18 0.58 0.00	30.86 0.46 0.00	30.73 0.39 0.00	31.01 0.23 0.00	29.88 0.25 0.00	32.58 0.37 0.00	37.95 0.64 0.00	45.10 0.91 0.00	51.85 1.62 0.00	55.22 1.79 0.00	49.63 1.54 0.00	49.59 1.80 0.00	48.87 1.85 0.00	44.36 1.68 0.00	41.95 1.55 0.00
DASHVILLE___HYD 23610	45.40 1.94 0.00	36.11 1.47 0.00	30.95 1.42 0.00	31.49 1.31 0.00	31.95 1.27 0.00	32.27 1.26 0.00	48.43 1.55 0.00	46.75 1.54 0.00	35.67 1.44 0.00	32.05 1.45 0.00	31.96 1.56 0.00	31.96 1.62 0.00	32.48 1.71 0.00	31.25 1.63 0.00	34.06 1.85 0.00	39.66 2.35 0.00	46.78 2.58 0.00	52.86 2.62 0.00	55.71 2.28 0.00	49.78 1.70 0.00	49.43 1.64 0.00	48.76 1.73 0.00	44.20 1.52 0.00	41.82 1.41 0.00
DELAWARE___LFGE 323621	44.47 1.02 0.00	35.46 0.82 0.00	30.40 0.86 0.00	31.05 0.87 0.00	31.53 0.85 0.00	31.83 0.82 0.00	47.90 1.02 0.00	46.11 0.90 0.00	34.91 0.68 0.00	31.26 0.66 0.00	31.09 0.68 0.00	31.07 0.72 0.00	31.55 0.78 0.00	30.38 0.76 0.00	33.04 0.83 0.00	38.31 1.00 0.00	45.43 1.24 0.00	51.62 1.39 0.00	54.85 1.43 0.01	49.18 1.09 0.00	48.77 1.02 0.03	48.03 1.04 0.03	43.59 0.91 0.00	41.22 0.81 0.00
DERFIELD_115KV_TB7 355931	43.58 0.13 0.00	34.76 0.12 0.00	29.71 0.18 0.00	30.36 0.18 0.00	30.86 0.18 0.00	31.16 0.15 0.00	47.02 0.14 0.00	45.32 0.11 0.00	34.26 0.04 0.00	30.62 0.02 0.00	30.42 0.02 0.00	30.36 0.02 0.00	30.78 0.00 0.00	29.65 0.03 0.00	32.24 0.03 0.00	37.37 0.07 0.00	44.23 0.04 0.00	50.33 0.10 0.00	53.55 0.11 0.00	48.16 0.08 0.00	47.89 0.10 0.00	47.17 0.14 0.00	42.81 0.13 0.00	40.53 0.12 0.00
DOGLEVILLE___HYD 23807	44.36 0.90 0.00	35.31 0.66 0.00	30.47 0.93 0.00	31.12 0.94 0.00	31.65 0.98 0.00	32.01 1.01 0.00	47.98 1.10 0.00	45.90 0.69 0.00	33.92 -0.31 0.00	30.00 -0.60 0.00	29.71 -0.70 0.00	29.62 -0.73 0.00	29.92 -0.85 0.00	28.81 -0.81 0.00	31.39 -0.82 0.00	36.54 -0.77 0.00	43.15 -1.04 0.00	49.93 -0.30 0.00	53.87 0.44 0.00	48.55 0.46 0.00	48.71 0.92 0.00	48.36 1.34 0.00	43.85 1.17 0.00	41.44 1.03 0.00
DUNKIRK___115KV_TB_200 55889	42.56 -0.89 0.00	33.76 -0.88 0.00	28.81 -0.73 0.00	29.41 -0.78 0.00	29.87 -0.81 0.00	30.39 -0.61 0.00	46.17 -0.71 0.00	44.23 -0.98 0.00	33.41 -0.81 0.00	30.04 -0.56 0.00	29.59 -0.82 0.00	29.78 -0.57 0.00	30.41 -0.37 0.00	29.16 -0.46 0.00	31.72 -0.49 0.00	36.21 -1.10 0.00	43.53 -0.66 0.00	48.85 -1.38 0.00	52.28 -1.08 0.07	47.35 -0.71 0.03	46.61 -0.99 0.19	45.58 -1.28 0.16	41.34 -1.34 0.01	38.90 -1.51 0.00
DUNKIRK___1 23563	42.56 -0.89 0.00	33.76 -0.88 0.00	28.81 -0.73 0.00	29.41 -0.78 0.00	29.87 -0.81 0.00	30.39 -0.61 0.00	46.17 -0.71 0.00	44.23 -0.98 0.00	33.41 -0.81 0.00	30.04 -0.56 0.00	29.59 -0.82 0.00	29.78 -0.57 0.00	30.41 -0.37 0.00	29.16 -0.46 0.00	31.72 -0.49 0.00	36.21 -1.10 0.00	43.53 -0.66 0.00	48.85 -1.38 0.00	52.28 -1.08 0.07	47.35 -0.71 0.03	46.61 -0.99 0.19	45.58 -1.28 0.16	41.34 -1.34 0.01	38.90 -1.51 0.00
DUNKIRK___2 23564	42.56 -0.89 0.00	33.76 -0.88 0.00	28.81 -0.73 0.00	29.41 -0.78 0.00	29.87 -0.81 0.00	30.39 -0.61 0.00	46.17 -0.71 0.00	44.23 -0.98 0.00	33.41 -0.81 0.00	30.04 -0.56 0.00	29.59 -0.82 0.00	29.78 -0.57 0.00	30.41 -0.37 0.00	29.16 -0.46 0.00	31.72 -0.49 0.00	36.21 -1.10 0.00	43.53 -0.66 0.00	48.85 -1.38 0.00	52.28 -1.08 0.07	47.35 -0.71 0.03	46.61 -0.99 0.19	45.58 -1.28 0.16	41.34 -1.34 0.01	38.90 -1.51 0.00
DUNKIRK___3 23565	42.34 -1.11 0.00	33.61 -1.04 0.00	28.67 -0.87 0.00	29.27 -0.91 0.00	29.72 -0.96 0.00	30.23 -0.78 0.00	45.89 -0.98 0.00	43.97 -1.24 0.00	33.24 -0.99 0.00	29.89 -0.71 0.00	29.47 -0.93 0.00	29.63 -0.71 0.00	30.25 -0.52 0.00	29.02 -0.60 0.00	31.58 -0.63 0.00	36.04 -1.27 0.00	43.27 -0.92 0.00	48.60 -1.64 0.00	51.97 -1.40 0.07	47.07 -0.99 0.03	46.30 -1.30 0.19	45.32 -1.55 0.16	41.14 -1.53 0.01	38.77 -1.64 0.00
DUNKIRK___4 23566	42.34 -1.11 0.00	33.61 -1.04 0.00	28.67 -0.87 0.00	29.27 -0.91 0.00	29.72 -0.96 0.00	30.23 -0.78 0.00	45.89 -0.98 0.00	43.97 -1.24 0.00	33.24 -0.99 0.00	29.89 -0.71 0.00	29.47 -0.93 0.00	29.63 -0.71 0.00	30.25 -0.52 0.00	29.02 -0.60 0.00	31.58 -0.63 0.00	36.04 -1.27 0.00	43.27 -0.92 0.00	48.60 -1.64 0.00	51.97 -1.40 0.07	47.07 -0.99 0.03	46.30 -1.30 0.19	45.32 -1.55 0.16	41.14 -1.53 0.01	38.77 -1.64 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.06 2.60 0.00	36.66 2.01 0.00	31.42 1.88 0.00	31.92 1.73 0.00	32.36 1.68 0.00	32.70 1.69 0.00	49.04 2.16 0.00	47.33 2.12 0.00	36.19 1.96 0.00	32.64 2.04 0.00	34.47 2.20 -1.87	32.59 2.24 0.00	33.13 2.36 0.00	31.82 2.20 0.00	34.70 2.49 0.00	40.45 3.14 0.00	47.58 3.39 0.00	53.46 3.23 0.00	56.17 2.74 0.00	50.10 2.01 0.00	49.76 1.97 0.00	49.23 2.20 0.00	44.64 1.96 0.00	42.27 1.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.69 2.24 0.00	36.36 1.71 0.00	31.15 1.61 0.00	31.68 1.49 0.00	32.13 1.45 0.00	32.47 1.46 0.00	48.75 1.87 0.00	47.02 1.82 0.00	35.86 1.63 0.00	32.23 1.63 0.00	31.44 1.73 0.70	32.11 1.76 0.00	32.64 1.87 0.00	31.39 1.77 0.00	34.21 2.00 0.00	39.84 2.54 0.00	47.01 2.82 0.00	53.10 2.87 0.00	56.03 2.59 0.00	50.09 2.00 0.00	49.68 1.89 0.00	49.00 1.98 0.00	44.40 1.72 0.00	42.00 1.60 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.08 2.63 0.00	36.77 2.13 0.00	31.54 2.00 0.00	31.99 1.80 0.00	32.45 1.77 0.00	32.83 1.82 0.00	49.11 2.23 0.00	47.45 2.25 0.00	36.35 2.12 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.67 2.33 0.00	33.21 2.40 -0.03	31.87 2.25 0.00	34.79 2.58 0.00	40.62 3.32 0.00	47.59 3.40 0.00	53.31 3.08 0.00	55.98 2.55 0.00	49.99 1.90 0.00	49.73 1.94 0.00	49.23 2.21 0.00	44.64 1.96 0.00	42.32 1.92 0.00

E179THST_13_KV_LOAD 356214	46.36 2.91 0.00	36.97 2.32 0.00	31.70 2.16 0.00	32.14 1.96 0.00	32.61 1.93 0.00	32.99 1.98 0.00	49.36 2.49 0.00	47.71 2.50 0.00	36.53 2.30 0.00	32.90 2.30 0.00	34.68 2.41 -1.87	32.85 2.50 0.00	33.39 2.58 -0.03	32.04 2.42 0.00	34.98 2.78 0.00	40.86 3.55 0.00	47.87 3.68 0.00	53.64 3.41 0.00	56.31 2.88 0.00	50.28 2.19 0.00	50.01 2.22 0.00	49.50 2.48 0.00	44.88 2.21 0.00	42.54 2.14 0.00
EAST HAMPTON___GT 23717	46.83 3.37 0.00	36.77 2.13 0.00	32.19 2.65 0.00	33.10 2.91 0.00	33.77 3.09 0.00	34.11 3.10 0.00	50.97 4.09 0.00	49.43 4.22 0.00	37.58 3.36 0.00	35.73 3.61 -1.52	251.31 4.52 -216.39	34.53 4.18 0.00	35.06 4.29 0.00	33.28 3.66 0.00	36.22 4.01 0.00	48.75 5.78 -5.66	50.47 6.28 0.00	56.07 5.83 0.00	58.58 5.15 0.00	40.18 2.61 10.51	51.17 3.39 0.00	50.10 3.08 0.00	45.47 2.79 0.00	43.03 2.62 0.00
EAST RIVER___6 23660	46.41 2.95 0.00	36.92 2.28 0.00	31.64 2.10 0.00	32.11 1.93 0.00	32.55 1.87 0.00	32.88 1.87 0.00	49.30 2.42 0.00	47.64 2.43 0.00	36.50 2.27 0.00	32.94 2.34 0.00	34.74 2.47 -1.87	32.89 2.55 0.00	33.49 2.68 -0.03	32.11 2.49 0.00	35.02 2.81 0.00	40.85 3.54 0.00	47.99 3.80 0.00	53.80 3.57 0.00	56.47 3.03 0.00	50.31 2.22 0.00	50.00 2.21 0.00	49.54 2.51 0.00	44.94 2.26 0.00	42.56 2.16 0.00
EAST RIVER___7 23524	46.41 2.95 0.00	36.92 2.28 0.00	31.64 2.10 0.00	32.11 1.93 0.00	32.55 1.87 0.00	32.88 1.87 0.00	49.30 2.42 0.00	47.64 2.43 0.00	36.50 2.27 0.00	32.94 2.34 0.00	34.74 2.47 -1.87	32.89 2.55 0.00	33.49 2.68 -0.03	32.11 2.49 0.00	35.02 2.81 0.00	40.85 3.54 0.00	47.99 3.80 0.00	53.80 3.57 0.00	56.47 3.03 0.00	50.31 2.22 0.00	50.00 2.21 0.00	49.54 2.51 0.00	44.94 2.26 0.00	42.56 2.16 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.94 2.49 0.00	36.57 1.93 0.00	31.35 1.81 0.00	31.85 1.67 0.00	32.30 1.62 0.00	32.64 1.63 0.00	48.96 2.08 0.00	47.24 2.03 0.00	36.10 1.87 0.00	32.55 1.95 0.00	34.50 2.10 -2.00	32.49 2.15 0.00	33.04 2.27 0.00	31.74 2.12 0.00	34.60 2.39 0.00	40.32 3.01 0.00	47.45 3.26 0.00	53.35 3.11 0.00	56.09 2.66 0.00	50.05 1.96 0.00	49.70 1.91 0.00	49.13 2.11 0.00	44.54 1.86 0.00	42.18 1.78 0.00
EAST_HAMPTON___DIESEL 23722	46.79 3.34 0.00	36.73 2.08 0.00	32.16 2.63 0.00	33.07 2.88 0.00	33.75 3.07 0.00	34.09 3.09 0.00	50.96 4.08 0.00	49.44 4.23 0.00	37.58 3.35 0.00	35.72 3.60 -1.52	251.27 4.52 -216.35	34.53 4.19 0.00	35.07 4.30 0.00	33.29 3.67 0.00	36.22 4.01 0.00	48.75 5.78 -5.66	50.48 6.29 0.00	56.08 5.84 0.00	58.58 5.15 0.00	40.16 2.58 10.51	51.16 3.37 0.00	50.08 3.06 0.00	45.46 2.79 0.00	43.03 2.62 0.00
EAST_POINT___SOLAR 323840	45.40 1.94 0.00	36.10 1.46 0.00	30.68 1.15 0.00	31.32 1.13 0.00	31.92 1.24 0.00	32.34 1.33 0.00	49.11 2.23 0.00	46.75 1.55 0.00	33.78 -0.45 0.00	29.87 -0.73 0.00	29.81 -0.60 0.00	29.64 -0.70 0.00	29.99 -0.79 0.00	28.89 -0.73 0.00	31.40 -0.81 0.00	36.31 -1.00 0.00	43.22 -0.97 0.00	49.86 -0.37 0.00	55.25 1.81 0.00	50.69 2.60 0.00	50.22 2.42 0.00	49.35 2.32 0.00	44.81 2.14 0.00	42.29 1.89 0.00
EAST_PULASKI___ESR 323781	42.89 -0.56 0.00	34.33 -0.32 0.00	29.29 -0.24 0.00	29.91 -0.28 0.00	30.40 -0.28 0.00	30.77 -0.24 0.00	46.49 -0.39 0.00	44.80 -0.41 0.00	33.67 -0.56 0.00	29.90 -0.70 0.00	29.63 -0.77 0.00	29.58 -0.76 0.00	30.01 -0.77 0.00	28.90 -0.73 0.00	31.37 -0.84 0.00	36.25 -1.06 0.00	43.06 -1.13 0.00	49.10 -1.13 0.00	52.78 -0.69 -0.04	47.82 -0.28 -0.02	47.66 -0.24 -0.11	46.84 -0.27 -0.09	42.34 -0.35 0.00	40.00 -0.41 0.00
EAST_RIVER___1 323558	46.33 2.88 0.00	36.87 2.22 0.00	31.60 2.06 0.00	32.08 1.89 0.00	32.51 1.84 0.00	32.86 1.85 0.00	49.27 2.40 0.00	47.60 2.39 0.00	36.44 2.21 0.00	32.88 2.28 0.00	34.68 2.41 -1.87	32.83 2.49 0.00	33.42 2.61 -0.03	32.04 2.42 0.00	34.94 2.73 0.00	40.75 3.44 0.00	47.86 3.67 0.00	53.67 3.43 0.00	56.34 2.91 0.00	50.21 2.13 0.00	49.93 2.13 0.00	49.47 2.45 0.00	44.86 2.18 0.00	42.47 2.07 0.00
EAST_RIVER___2 323559	46.41 2.95 0.00	36.92 2.28 0.00	31.64 2.10 0.00	32.11 1.93 0.00	32.55 1.87 0.00	32.88 1.87 0.00	49.30 2.42 0.00	47.64 2.43 0.00	36.50 2.27 0.00	32.94 2.34 0.00	34.74 2.47 -1.87	32.89 2.55 0.00	33.49 2.68 -0.03	32.11 2.49 0.00	35.02 2.81 0.00	40.85 3.54 0.00	47.99 3.80 0.00	53.80 3.57 0.00	56.47 3.03 0.00	50.31 2.22 0.00	50.00 2.21 0.00	49.54 2.51 0.00	44.94 2.26 0.00	42.56 2.16 0.00
EAST___DELAWARE_HYD 23607	44.92 1.47 0.00	35.72 1.08 0.00	30.58 1.04 0.00	31.12 0.93 0.00	31.58 0.90 0.00	31.92 0.91 0.00	47.99 1.11 0.00	46.28 1.07 0.00	35.24 1.01 0.00	31.58 0.98 0.00	30.59 0.73 0.54	31.09 0.74 0.00	31.58 0.81 0.00	30.42 0.80 0.00	33.11 0.90 0.00	38.60 1.29 0.00	45.66 1.46 0.00	51.74 1.51 0.00	54.70 1.27 0.00	48.90 0.81 0.00	48.47 0.68 0.00	47.77 0.74 0.00	43.26 0.58 0.00	40.90 0.50 0.00
EIGHT_POINT___WT_PWR 323820	43.24 -0.22 0.00	34.33 -0.31 0.00	29.39 -0.15 0.00	30.03 -0.15 0.00	30.41 -0.27 0.00	30.86 -0.15 0.00	46.87 -0.01 0.00	44.82 -0.39 0.00	33.43 -0.80 0.00	29.79 -0.81 0.00	29.30 -1.10 0.00	29.27 -1.07 0.00	29.55 -1.22 0.00	28.49 -1.13 0.00	31.22 -0.98 0.00	35.96 -1.35 0.00	43.18 -1.01 0.00	49.10 -1.13 0.00	53.07 -0.31 0.05	48.27 0.20 0.02	47.69 0.04 0.14	46.70 -0.21 0.11	42.22 -0.45 0.00	39.42 -0.99 0.00
ELBRIDGE_115KV_TB2 80188	42.84 -0.62 0.00	34.13 -0.51 0.00	29.16 -0.37 0.00	29.80 -0.38 0.00	30.29 -0.40 0.00	30.63 -0.38 0.00	46.27 -0.61 0.00	44.54 -0.67 0.00	33.60 -0.63 0.00	29.96 -0.64 0.00	29.74 -0.67 0.00	29.73 -0.61 0.00	30.16 -0.62 0.00	29.02 -0.60 0.00	31.59 -0.62 0.00	36.52 -0.79 0.00	43.41 -0.78 0.00	49.37 -0.87 0.00	52.79 -0.65 0.00	47.53 -0.56 0.00	47.21 -0.58 0.00	46.39 -0.64 0.00	41.98 -0.70 0.00	39.72 -0.68 0.00
ELEC_TRO_TEK 24086	46.23 2.77 0.00	36.73 2.09 0.00	31.58 2.04 0.00	32.08 1.89 0.00	32.50 1.82 0.00	32.86 1.85 0.00	49.13 2.26 0.00	47.32 2.11 0.00	36.15 1.92 0.00	34.28 2.16 -1.52	34.73 2.48 -1.85	32.76 2.42 0.00	33.27 2.49 0.00	31.88 2.26 0.00	34.82 2.61 0.00	46.44 3.47 -5.66	47.70 3.51 0.00	53.44 3.21 0.00	56.04 2.61 0.00	48.10 1.71 1.70	49.66 1.87 0.00	49.03 2.00 0.00	44.53 1.85 0.00	42.25 1.85 0.00
ELLENBURG_WT_PWR 323604	43.30 -0.15 0.00	34.48 -0.17 0.00	29.24 -0.30 0.00	29.89 -0.29 0.00	30.38 -0.30 0.00	30.72 -0.29 0.00	46.72 -0.16 0.00	45.22 0.01 0.00	34.37 0.14 0.00	30.60 0.00 0.00	30.36 -0.04 0.00	30.18 -0.17 0.00	30.59 -0.19 0.00	29.41 -0.22 0.00	31.91 -0.30 0.00	36.95 -0.36 0.00	43.86 -0.33 0.00	49.96 -0.27 0.00	53.36 -0.07 0.00	48.23 0.14 0.00	47.98 0.19 0.00	47.10 0.08 0.00	42.78 0.10 0.00	40.58 0.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.89 -1.56 0.00	33.31 -1.34 0.00	28.38 -1.16 0.00	28.96 -1.23 0.00	29.40 -1.28 0.00	29.86 -1.14 0.00	45.31 -1.56 0.00	43.42 -1.79 0.00	32.86 -1.36 0.00	29.60 -1.00 0.00	29.25 -1.16 0.00	29.35 -0.99 0.00	29.94 -0.84 0.00	28.74 -0.88 0.00	31.29 -0.92 0.00	35.59 -1.72 0.00	42.65 -1.54 0.00	47.94 -2.29 0.00	51.22 -2.15 0.07	46.51 -1.55 0.03	45.65 -1.94 0.20	44.72 -2.14 0.17	40.80 -1.88 0.01	38.50 -1.90 0.00
EMPIRE_CC_1 323656	44.14 0.69 0.00	35.38 0.74 0.00	30.47 0.94 0.00	31.05 0.87 0.00	31.56 0.88 0.00	31.82 0.82 0.00	47.56 0.68 0.00	45.80 0.60 0.00	34.63 0.40 0.00	31.06 0.45 0.00	31.24 0.46 -0.37	30.74 0.40 0.00	31.06 0.28 0.00	29.93 0.31 0.00	32.54 0.33 0.00	37.80 0.49 0.00	44.53 0.34 0.00	50.86 0.63 0.00	53.80 0.36 0.00	48.31 0.23 0.00	48.36 0.57 0.00	47.71 0.69 0.00	43.35 0.67 0.00	41.08 0.67 0.00
EMPIRE_CC_2 323658	44.14 0.69 0.00	35.38 0.74 0.00	30.47 0.94 0.00	31.05 0.87 0.00	31.56 0.88 0.00	31.82 0.82 0.00	47.56 0.68 0.00	45.80 0.60 0.00	34.63 0.40 0.00	31.06 0.45 0.00	31.24 0.46 -0.37	30.74 0.40 0.00	31.06 0.28 0.00	29.93 0.31 0.00	32.54 0.33 0.00	37.80 0.49 0.00	44.53 0.34 0.00	50.86 0.63 0.00	53.80 0.36 0.00	48.31 0.23 0.00	48.36 0.57 0.00	47.71 0.69 0.00	43.35 0.67 0.00	41.08 0.67 0.00
ENORWICH_115KV_TB1 80156	45.10 1.65 0.00	35.94 1.30 0.00	30.78 1.25 0.00	31.46 1.28 0.00	31.99 1.31 0.00	32.54 1.53 0.00	49.49 2.62 0.00	47.45 2.24 0.00	35.30 1.07 0.00	31.09 0.49 0.00	30.77 0.36 0.00	30.61 0.26 0.00	31.11 0.33 0.00	29.80 0.17 0.00	32.44 0.23 0.00	37.63 0.32 0.00	45.30 1.11 0.00	52.18 1.95 0.00	56.93 3.52 0.02	51.56 3.48 0.01	51.02 3.28 0.05	50.07 3.08 0.04	45.21 2.54 0.00	42.58 2.17 0.00
ERIE_ST__34_KV_TB1-2 80199	42.30 -1.15 0.00	33.60 -1.05 0.00	28.59 -0.95 0.00	29.17 -1.02 0.00	29.60 -1.08 0.00	30.07 -0.94 0.00	45.66 -1.22 0.00	43.79 -1.42 0.00	33.17 -1.05 0.00	29.86 -0.74 0.00	29.51 -0.90 0.00	29.62 -0.72 0.00	30.23 -0.55 0.00	29.04 -0.59 0.00	31.63 -0.58 0.00	36.02 -1.29 0.00	43.19 -1.01 0.00	48.60 -1.63 0.00	51.95 -1.41 0.07	47.12 -0.94 0.03	46.30 -1.29 0.20	45.32 -1.54 0.17	41.31 -1.36 0.01	38.93 -1.48 0.00
ERIE_WT_PWR 323693	42.11 -1.34 0.00	33.47 -1.17 0.00	28.52 -1.02 0.00	29.08 -1.10 0.00	29.53 -1.15 0.00	30.00 -1.01 0.00	45.51 -1.37 0.00	43.64 -1.57 0.00	33.02 -1.21 0.00	29.71 -0.89 0.00	29.36 -1.05 0.00	29.45 -0.89 0.00	30.06 -0.72 0.00	28.86 -0.76 0.00	31.42 -0.79 0.00	35.76 -1.55 0.00	42.88 -1.31 0.00	48.25 -1.98 0.00	51.56 -1.80 0.07	46.81 -1.25 0.03	45.78 -1.62 0.39	44.73 -1.82 0.48	40.67 -1.61 0.40	38.35 -1.68 0.38
ESPRGFLD_115KV_TB1 80157	44.96 1.51 0.00	35.83 1.18 0.00	30.70 1.16 0.00	31.34 1.16 0.00	31.82 1.14 0.00	32.17 1.16 0.00	48.51 1.63 0.00	46.73 1.52 0.00	35.30 1.07 0.00	31.54 0.94 0.00	31.36 0.95 0.00	31.33 0.99 0.00	31.81 1.04 0.00	30.62 1.00 0.00	33.30 1.09 0.00	38.60 1.30 0.00	45.87 1.67 0.00	52.29 2.06 0.00	55.79 2.35 0.00	50.06 1.97 0.00	49.63 1.84 0.00	48.80 1.78 0.00	44.17 1.49 0.00	41.71 1.30 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.76 0.30 0.00	34.82 0.18 0.00	29.77 0.23 0.00	30.42 0.23 0.00	30.90 0.22 0.00	31.29 0.28 0.00	47.31 0.43 0.00	45.51 0.31 0.00	34.19 -0.04 0.00	30.36 -0.24 0.00	30.06 -0.35 0.00	30.03 -0.31 0.00	30.49 -0.29 0.00	29.31 -0.31 0.00	31.90 -0.31 0.00	36.86 -0.45 0.00	43.93 -0.26 0.00	50.12 -0.11 0.00	53.90 0.48 0.02	48.72 0.64 0.01	48.32 0.57 0.05	47.45 0.46 0.04	42.94 0.27 0.00	40.57 0.17 0.00
ETNA____115KV_TB2 80207	43.76 0.30 0.00	34.82 0.18 0.00	29.77 0.23 0.00	30.42 0.23 0.00	30.90 0.22 0.00	31.29 0.28 0.00	47.31 0.43 0.00	45.51 0.31 0.00	34.19 -0.04 0.00	30.36 -0.24 0.00	30.06 -0.35 0.00	30.03 -0.31 0.00	30.49 -0.29 0.00	29.31 -0.31 0.00	31.90 -0.31 0.00	36.86 -0.45 0.00	43.93 -0.26 0.00	50.12 -0.11 0.00	53.90 0.48 0.02	48.72 0.64 0.01	48.32 0.57 0.05	47.45 0.46 0.04	42.94 0.27 0.00	40.57 0.17 0.00
EUCLID__115KV_TB2 356179	42.88 -0.58 0.00	34.16 -0.49 0.00	29.17 -0.37 0.00	29.80 -0.39 0.00	30.30 -0.39 0.00	30.64 -0.37 0.00	46.29 -0.59 0.00	44.57 -0.63 0.00	33.64 -0.59 0.00	30.02 -0.58 0.00	29.82 -0.59 0.00	29.81 -0.53 0.00	30.29 -0.49 0.00	29.15 -0.47 0.00	31.68 -0.53 0.00	36.63 -0.68 0.00	43.57 -0.62 0.00	49.57 -0.66 0.00	52.91 -0.50 0.02	47.66 -0.41 0.01	47.21 -0.52 0.06	46.38 -0.59 0.05	42.06 -0.62 0.00	39.75 -0.65 0.00
EXCELSIOR__SOLAR 323857	41.84 -1.61 0.00	33.30 -1.34 0.00	28.39 -1.14 0.00	28.98 -1.21 0.00	29.43 -1.25 0.00	29.85 -1.16 0.00	45.24 -1.64 0.00	43.41 -1.79 0.00	32.82 -1.41 0.00	29.47 -1.13 0.00	29.20 -1.21 0.00	29.24 -1.10 0.00	29.76 -1.02 0.00	28.58 -1.04 0.00	31.08 -1.12 0.00	35.53 -1.78 0.00	42.45 -1.75 0.00	47.94 -2.30 0.00	51.19 -2.16 0.08	46.45 -1.61 0.03	45.51 -1.92 0.36	44.59 -2.04 0.40	40.60 -1.82 0.26	38.35 -1.81 0.24
E_CANADA_CAP_HY 24051	44.82 1.37 0.00	35.68 1.04 0.00	30.21 0.67 0.00	30.82 0.64 0.00	31.46 0.78 0.00	31.86 0.85 0.00	48.50 1.62 0.00	46.67 1.46 0.00	34.62 0.39 0.00	30.73 0.13 0.00	30.54 0.13 0.00	30.39 0.05 0.00	30.84 0.06 0.00	29.73 0.11 0.00	32.32 0.11 0.00	37.26 -0.05 0.00	44.32 0.13 0.00	50.54 0.30 0.00	54.87 1.43 0.00	50.13 2.05 0.00	49.49 1.70 0.00	48.72 1.70 0.00	44.32 1.64 0.00	41.86 1.45 0.00
E_CANADA_MHWK_HY 24050	44.36 0.90 0.00	35.31 0.66 0.00	30.47 0.93 0.00	31.12 0.94 0.00	31.66 0.97 0.00	32.01 1.01 0.00	47.98 1.10 0.00	45.90 0.69 0.00	33.92 -0.31 0.00	30.00 -0.60 0.00	29.71 -0.70 0.00	29.62 -0.73 0.00	29.92 -0.85 0.00	28.82 -0.81 0.00	31.39 -0.82 0.00	36.54 -0.77 0.00	43.15 -1.04 0.00	49.93 -0.30 0.00	53.87 0.44 0.00	48.55 0.46 0.00	48.71 0.92 0.00	48.36 1.34 0.00	43.85 1.17 0.00	41.44 1.03 0.00
E_FISHKILL__LBMP 23776	45.54 2.09 0.00	36.28 1.63 0.00	31.11 1.57 0.00	31.63 1.45 0.00	32.09 1.41 0.00	32.41 1.40 0.00	48.61 1.73 0.00	46.90 1.69 0.00	35.79 1.55 0.00	32.22 1.62 0.00	32.79 1.77 -0.62	32.13 1.79 0.00	32.65 1.87 0.00	31.38 1.76 0.00	34.20 1.99 0.00	39.82 2.52 0.00	46.88 2.69 0.00	52.88 2.65 0.00	55.66 2.23 0.00	49.69 1.61 0.00	49.38 1.59 0.00	48.79 1.77 0.00	44.24 1.56 0.00	41.92 1.51 0.00
FALCON__SEABRD_CC1 323796	43.73 0.28 0.00	34.84 0.20 0.00	29.57 0.03 0.00	30.19 0.01 0.00	30.69 0.01 0.00	31.03 0.02 0.00	47.12 0.24 0.00	45.57 0.37 0.00	34.71 0.48 0.00	30.86 0.26 0.00	30.60 0.19 0.00	30.39 0.05 0.00	30.80 0.03 0.00	29.66 0.04 0.00	32.22 0.01 0.00	37.34 0.03 0.00	44.32 0.13 0.00	50.45 0.21 0.00	53.88 0.45 0.00	48.71 0.62 0.00	48.51 0.71 0.00	47.62 0.59 0.00	43.22 0.55 0.00	40.99 0.59 0.00

FALCON___SEABRD_CC2 323797	43.73 0.28 0.00	34.84 0.20 0.00	29.57 0.03 0.00	30.19 0.01 0.00	30.69 0.01 0.00	31.03 0.02 0.00	47.12 0.24 0.00	45.57 0.37 0.00	34.71 0.48 0.00	30.86 0.26 0.00	30.60 0.19 0.00	30.39 0.05 0.00	30.80 0.03 0.00	29.66 0.04 0.00	32.22 0.01 0.00	37.34 0.03 0.00	44.32 0.13 0.00	50.45 0.21 0.00	53.88 0.45 0.00	48.71 0.62 0.00	48.51 0.71 0.00	47.62 0.59 0.00	43.22 0.55 0.00	40.99 0.59 0.00
FAR ROCKAWAY___4 23548	47.09 3.64 0.00	37.36 2.72 0.00	32.08 2.55 0.00	32.57 2.39 0.00	33.00 2.32 0.00	33.36 2.35 0.00	49.88 3.00 0.00	48.03 2.82 0.00	36.70 2.47 0.00	34.80 2.68 -1.52	35.23 2.97 -1.85	33.28 2.94 0.00	33.81 3.04 0.00	32.43 2.81 0.00	35.46 3.25 0.00	47.21 4.24 -5.66	48.69 4.50 0.00	54.59 4.36 0.00	56.86 3.43 0.00	50.45 2.37 0.00	50.61 2.82 0.00	49.94 2.91 0.00	45.33 2.65 0.00	42.95 2.54 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.31 2.86 0.00	36.85 2.21 0.00	31.59 2.05 0.00	32.07 1.88 0.00	32.50 1.83 0.00	32.85 1.85 0.00	49.26 2.38 0.00	47.56 2.35 0.00	36.43 2.20 0.00	32.86 2.26 0.00	34.66 2.39 -1.87	32.81 2.46 0.00	33.39 2.58 -0.03	32.01 2.39 0.00	34.90 2.69 0.00	40.71 3.40 0.00	47.82 3.63 0.00	53.64 3.40 0.00	56.30 2.87 0.00	50.20 2.12 0.00	49.92 2.13 0.00	49.47 2.44 0.00	44.86 2.18 0.00	42.48 2.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.32 2.87 0.00	36.87 2.22 0.00	31.60 2.06 0.00	32.07 1.89 0.00	32.51 1.83 0.00	32.87 1.86 0.00	49.27 2.39 0.00	47.58 2.37 0.00	36.43 2.20 0.00	32.86 2.26 0.00	34.66 2.39 -1.87	32.81 2.46 0.00	33.40 2.59 -0.03	32.01 2.39 0.00	34.90 2.69 0.00	40.71 3.40 0.00	47.81 3.62 0.00	53.62 3.39 0.00	56.29 2.86 0.00	50.20 2.12 0.00	49.92 2.13 0.00	49.47 2.44 0.00	44.86 2.18 0.00	42.48 2.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.30 2.84 0.00	36.85 2.20 0.00	31.58 2.04 0.00	32.06 1.88 0.00	32.50 1.82 0.00	32.84 1.83 0.00	49.24 2.36 0.00	47.55 2.35 0.00	36.41 2.18 0.00	32.85 2.25 0.00	34.64 2.37 -1.87	32.79 2.45 0.00	33.38 2.57 -0.03	31.99 2.37 0.00	34.88 2.68 0.00	40.68 3.37 0.00	47.79 3.60 0.00	53.59 3.35 0.00	56.25 2.82 0.00	50.15 2.07 0.00	49.88 2.09 0.00	49.42 2.39 0.00	44.82 2.14 0.00	42.44 2.03 0.00
FARRAGUT___LBMP 323566	46.24 2.79 0.00	36.81 2.17 0.00	31.54 2.01 0.00	32.02 1.84 0.00	32.46 1.79 0.00	32.81 1.80 0.00	49.19 2.32 0.00	47.50 2.30 0.00	36.37 2.14 0.00	32.81 2.21 0.00	34.61 2.34 -1.87	32.75 2.41 0.00	33.34 2.53 -0.03	31.96 2.33 0.00	34.84 2.64 0.00	40.64 3.33 0.00	47.73 3.53 0.00	53.53 3.30 0.00	56.19 2.76 0.00	50.11 2.03 0.00	49.83 2.04 0.00	49.38 2.36 0.00	44.78 2.11 0.00	42.40 1.99 0.00
FARRCKWY_69_KV_BK2 55825	47.09 3.64 0.00	37.36 2.72 0.00	32.08 2.55 0.00	32.57 2.39 0.00	33.00 2.32 0.00	33.36 2.35 0.00	49.88 3.00 0.00	48.03 2.82 0.00	36.70 2.47 0.00	34.80 2.68 -1.52	35.23 2.97 -1.85	33.28 2.94 0.00	33.81 3.04 0.00	32.43 2.81 0.00	35.46 3.25 0.00	47.21 4.24 -5.66	48.69 4.50 0.00	54.59 4.36 0.00	56.86 3.43 0.00	50.45 2.37 0.00	50.61 2.82 0.00	49.94 2.91 0.00	45.33 2.65 0.00	42.95 2.54 0.00
FENNER___WINDPWR 24204	43.97 0.52 0.00	35.10 0.46 0.00	29.98 0.44 0.00	30.61 0.43 0.00	31.14 0.46 0.00	31.53 0.53 0.00	47.70 0.82 0.00	45.89 0.68 0.00	34.46 0.23 0.00	30.60 0.00 0.00	30.35 -0.06 0.00	30.34 0.00 0.00	30.79 0.01 0.00	29.61 -0.01 0.00	32.19 -0.02 0.00	37.28 -0.03 0.00	44.35 0.16 0.00	50.63 0.40 0.00	54.31 0.90 0.02	49.03 0.96 0.01	48.67 0.92 0.04	47.82 0.83 0.04	43.33 0.66 0.00	40.93 0.52 0.00
FIBERTEK___ENERGY 23856	43.12 -0.33 0.00	34.34 -0.30 0.00	29.35 -0.19 0.00	29.99 -0.19 0.00	30.49 -0.19 0.00	30.83 -0.18 0.00	46.58 -0.30 0.00	44.85 -0.36 0.00	33.79 -0.44 0.00	30.11 -0.49 0.00	29.89 -0.52 0.00	29.89 -0.45 0.00	30.35 -0.43 0.00	29.19 -0.43 0.00	31.76 -0.44 0.00	36.73 -0.58 0.00	43.71 -0.48 0.00	49.79 -0.44 0.00	53.25 -0.20 -0.01	47.93 -0.16 0.00	47.60 -0.23 -0.03	46.75 -0.31 -0.03	42.29 -0.39 0.00	40.00 -0.41 0.00
FITZPATRICK____ 23598	41.95 -1.50 0.00	33.45 -1.20 0.00	28.57 -0.97 0.00	29.20 -0.99 0.00	29.70 -0.99 0.00	29.99 -1.02 0.00	45.28 -1.60 0.00	43.62 -1.58 0.00	32.97 -1.25 0.00	29.46 -1.14 0.00	29.26 -1.14 0.00	29.23 -1.11 0.00	29.67 -1.11 0.00	28.56 -1.07 0.00	31.05 -1.16 0.00	35.90 -1.41 0.00	42.61 -1.59 0.00	48.42 -1.81 0.00	51.62 -1.81 0.00	46.50 -1.59 0.00	46.17 -1.62 0.00	45.40 -1.63 0.00	41.17 -1.51 0.00	38.95 -1.45 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.14 2.68 0.00	36.70 2.06 0.00	31.45 1.91 0.00	31.97 1.78 0.00	32.43 1.75 0.00	32.78 1.77 0.00	49.21 2.33 0.00	47.46 2.25 0.00	36.17 1.94 0.00	32.53 1.93 0.00	32.47 2.07 0.00	32.43 2.09 0.00	32.98 2.20 0.00	31.72 2.10 0.00	34.58 2.37 0.00	40.31 3.00 0.00	47.56 3.37 0.00	53.73 3.50 0.00	56.62 3.19 0.00	50.54 2.45 0.00	50.16 2.37 0.00	49.48 2.45 0.00	44.81 2.14 0.00	42.40 2.00 0.00
FORT ORANGE____ 23900	44.24 0.79 0.00	35.45 0.80 0.00	30.51 0.97 0.00	31.12 0.93 0.00	31.61 0.93 0.00	31.89 0.89 0.00	47.76 0.88 0.00	46.02 0.81 0.00	34.79 0.56 0.00	31.06 0.46 0.00	30.89 0.48 0.00	30.80 0.46 0.00	31.18 0.40 0.00	30.05 0.43 0.00	32.69 0.48 0.00	37.98 0.67 0.00	44.83 0.64 0.00	51.13 0.90 0.00	54.31 0.87 0.00	48.80 0.71 0.00	48.67 0.89 0.00	47.95 0.92 0.00	43.53 0.85 0.00	41.18 0.77 0.00
FORT_DRUM_COGEN 23780	44.41 0.95 0.00	35.88 1.24 0.00	30.55 1.01 0.00	31.18 1.00 0.00	31.73 1.05 0.00	32.20 1.19 0.00	48.77 1.89 0.00	46.99 1.78 0.00	34.87 0.65 0.00	30.68 0.08 0.00	30.24 -0.17 0.00	30.14 -0.20 0.00	30.42 -0.36 0.00	29.31 -0.31 0.00	31.70 -0.51 0.00	36.62 -0.68 0.00	43.66 -0.52 0.00	50.27 0.04 0.00	54.76 1.33 0.00	50.28 2.20 0.00	50.07 2.28 0.00	49.19 2.16 0.00	44.50 1.83 0.00	41.98 1.58 0.00
FOX_HILLS___ESR 323835	46.21 2.75 0.00	36.81 2.17 0.00	31.54 2.00 0.00	32.01 1.83 0.00	32.46 1.78 0.00	32.83 1.82 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.37 2.14 0.00	32.74 2.15 0.00	34.50 2.23 -1.87	32.65 2.31 0.00	33.23 2.42 -0.03	31.88 2.26 0.00	34.78 2.57 0.00	40.56 3.25 0.00	47.62 3.43 0.00	53.30 3.08 0.00	55.92 2.48 0.00	50.06 1.98 0.00	49.82 2.03 0.00	49.37 2.35 0.00	44.79 2.11 0.00	42.41 2.00 0.00
FPL FAR_ROCK_GT1 24212	47.09 3.64 0.00	37.36 2.72 0.00	32.08 2.55 0.00	32.57 2.39 0.00	33.00 2.32 0.00	33.35 2.35 0.00	49.87 3.00 0.00	48.02 2.82 0.00	36.70 2.47 0.00	34.80 2.68 -1.52	35.23 2.97 -1.85	33.28 2.94 0.00	33.82 3.04 0.00	32.43 2.81 0.00	35.46 3.25 0.00	47.21 4.24 -5.66	48.69 4.50 0.00	54.59 4.36 0.00	56.86 3.43 0.00	50.43 2.35 0.00	50.61 2.82 0.00	49.95 2.92 0.00	45.32 2.64 0.00	42.94 2.54 0.00

FPL FAR_ROCK_GT2 23815	47.09 3.64 0.00	37.36 2.72 0.00	32.08 2.55 0.00	32.57 2.39 0.00	33.00 2.32 0.00	33.35 2.35 0.00	49.87 3.00 0.00	48.02 2.82 0.00	36.70 2.47 0.00	34.80 2.68 -1.52	35.23 2.97 -1.85	33.28 2.94 0.00	33.82 3.04 0.00	32.43 2.81 0.00	35.46 3.25 0.00	47.21 4.24 -5.66	48.69 4.50 0.00	54.59 4.36 0.00	56.86 3.43 0.00	50.43 2.35 0.00	50.61 2.82 0.00	49.95 2.92 0.00	45.32 2.64 0.00	42.94 2.54 0.00
FRANKLIN_FALL_HYD 24054	43.55 0.10 0.00	34.69 0.05 0.00	29.44 -0.09 0.00	30.11 -0.08 0.00	30.61 -0.07 0.00	30.96 -0.05 0.00	47.10 0.23 0.00	45.59 0.39 0.00	34.60 0.37 0.00	30.79 0.19 0.00	30.57 0.17 0.00	30.33 -0.02 0.00	30.75 -0.02 0.00	29.54 -0.08 0.00	32.05 -0.16 0.00	37.08 -0.23 0.00	44.02 -0.17 0.00	50.20 -0.03 0.00	53.79 0.36 0.00	48.75 0.66 0.00	48.50 0.71 0.00	47.57 0.55 0.00	43.15 0.47 0.00	40.88 0.48 0.00
FREEPORT_EQUS_GT1 23764	46.61 3.16 0.00	37.00 2.35 0.00	31.81 2.27 0.00	32.29 2.11 0.00	32.71 2.03 0.00	33.07 2.07 0.00	49.43 2.55 0.00	47.60 2.39 0.00	36.23 2.00 0.00	34.49 2.37 -1.52	34.97 2.71 -1.85	32.98 2.64 0.00	33.47 2.70 0.00	32.07 2.45 0.00	35.04 2.83 0.00	46.76 3.79 -5.66	47.96 3.77 0.00	53.72 3.48 0.00	56.34 2.90 0.00	44.66 1.99 5.41	49.98 2.19 0.00	49.31 2.29 0.00	44.80 2.12 0.00	42.53 2.12 0.00
FREEPORT___CT2 23818	46.61 3.16 0.00	37.00 2.35 0.00	31.81 2.27 0.00	32.29 2.11 0.00	32.71 2.03 0.00	33.07 2.07 0.00	49.43 2.55 0.00	47.60 2.39 0.00	36.23 2.00 0.00	34.49 2.37 -1.52	34.97 2.71 -1.85	32.98 2.64 0.00	33.47 2.70 0.00	32.07 2.45 0.00	35.04 2.83 0.00	46.76 3.79 -5.66	47.96 3.77 0.00	53.72 3.48 0.00	56.34 2.90 0.00	44.66 1.99 5.41	49.98 2.19 0.00	49.31 2.29 0.00	44.80 2.12 0.00	42.53 2.12 0.00
FRESHKLS_33_KV_LOAD 356253	46.30 2.85 0.00	36.90 2.26 0.00	31.62 2.08 0.00	32.09 1.90 0.00	32.55 1.87 0.00	32.91 1.90 0.00	49.28 2.40 0.00	47.63 2.42 0.00	36.45 2.22 0.00	32.79 2.19 0.00	34.52 2.25 -1.87	32.67 2.32 0.00	33.23 2.43 -0.03	31.88 2.26 0.00	34.79 2.58 0.00	40.58 3.27 0.00	47.67 3.48 0.00	53.33 3.10 0.00	55.92 2.49 0.00	50.13 2.05 0.00	49.92 2.13 0.00	49.47 2.45 0.00	44.88 2.20 0.00	42.48 2.07 0.00
FULTON COGEN____ 23766	42.35 -1.11 0.00	33.76 -0.89 0.00	28.83 -0.71 0.00	29.45 -0.73 0.00	29.95 -0.73 0.00	30.27 -0.74 0.00	45.71 -1.17 0.00	44.04 -1.16 0.00	33.24 -0.99 0.00	29.65 -0.95 0.00	29.42 -0.99 0.00	29.39 -0.95 0.00	29.86 -0.92 0.00	28.74 -0.88 0.00	31.23 -0.98 0.00	36.12 -1.19 0.00	42.89 -1.30 0.00	48.77 -1.46 0.00	52.18 -1.31 -0.06	47.05 -1.06 -0.02	46.83 -1.11 -0.15	45.99 -1.16 -0.13	41.57 -1.11 0.00	39.30 -1.10 0.00
FULTON___LFGE 323630	45.19 1.74 0.00	35.96 1.31 0.00	30.60 1.06 0.00	31.23 1.05 0.00	31.82 1.14 0.00	32.20 1.20 0.00	48.82 1.94 0.00	46.88 1.68 0.00	34.46 0.23 0.00	30.38 -0.22 0.00	30.12 -0.28 0.00	30.01 -0.33 0.00	30.42 -0.36 0.00	29.32 -0.30 0.00	31.90 -0.31 0.00	36.91 -0.40 0.00	43.92 -0.27 0.00	50.56 0.32 0.00	55.15 1.72 0.00	50.37 2.29 0.00	49.89 2.10 0.00	49.04 2.01 0.00	44.54 1.86 0.00	42.05 1.64 0.00
G.F.CEMENT___DRP 24184	45.55 2.10 0.00	36.25 1.60 0.00	31.19 1.66 0.00	31.79 1.60 0.00	32.32 1.64 0.00	32.67 1.66 0.00	49.21 2.33 0.00	47.27 2.07 0.00	35.29 1.05 0.00	31.25 0.65 0.00	30.90 0.49 0.00	30.74 0.40 0.00	30.93 0.16 0.00	29.83 0.21 0.00	32.55 0.34 0.00	38.04 0.74 0.00	45.35 1.16 0.00	52.24 2.00 0.00	55.66 2.23 0.00	50.02 1.94 0.00	50.04 2.25 0.00	49.30 2.28 0.00	44.73 2.05 0.00	42.28 1.88 0.00
GARDENVILLE___LBMP 24039	42.02 -1.43 0.00	33.40 -1.24 0.00	28.46 -1.07 0.00	29.04 -1.15 0.00	29.48 -1.20 0.00	29.95 -1.06 0.00	45.44 -1.44 0.00	43.55 -1.66 0.00	32.95 -1.28 0.00	29.66 -0.94 0.00	29.29 -1.11 0.00	29.40 -0.94 0.00	29.99 -0.79 0.00	28.79 -0.84 0.00	31.34 -0.86 0.00	35.66 -1.64 0.00	42.77 -1.42 0.00	48.09 -2.14 0.00	51.40 -1.97 0.07	46.66 -1.40 0.03	45.84 -1.76 0.20	44.90 -1.96 0.16	40.92 -1.75 0.01	38.61 -1.79 0.00
GARDNVLA_35_KV_LD 355827	42.16 -1.30 0.00	33.50 -1.14 0.00	28.53 -1.00 0.00	29.10 -1.08 0.00	29.54 -1.14 0.00	30.01 -1.00 0.00	45.55 -1.33 0.00	43.67 -1.54 0.00	33.05 -1.17 0.00	29.76 -0.84 0.00	29.41 -1.00 0.00	29.52 -0.82 0.00	30.12 -0.65 0.00	28.92 -0.70 0.00	31.49 -0.72 0.00	35.84 -1.47 0.00	42.99 -1.20 0.00	48.34 -1.89 0.00	51.68 -1.69 0.07	46.89 -1.16 0.03	46.05 -1.54 0.20	45.10 -1.76 0.16	41.11 -1.56 0.01	38.77 -1.64 0.00
GELCKHM___115KV_LOAD 80723	43.26 -0.19 0.00	34.45 -0.20 0.00	29.44 -0.10 0.00	30.08 -0.11 0.00	30.58 -0.10 0.00	30.93 -0.07 0.00	46.75 -0.13 0.00	45.01 -0.19 0.00	33.91 -0.32 0.00	30.20 -0.40 0.00	29.98 -0.42 0.00	30.01 -0.33 0.00	30.47 -0.31 0.00	29.31 -0.31 0.00	31.88 -0.33 0.00	36.87 -0.44 0.00	43.88 -0.32 0.00	50.00 -0.23 0.00	53.46 0.02 -0.01	48.12 0.02 0.00	47.76 -0.07 -0.03	46.89 -0.16 -0.03	42.42 -0.26 0.00	40.11 -0.30 0.00
GENERAL___MILLS 23808	42.09 -1.36 0.00	33.45 -1.19 0.00	28.50 -1.04 0.00	29.07 -1.11 0.00	29.51 -1.17 0.00	29.98 -1.03 0.00	45.50 -1.38 0.00	43.60 -1.60 0.00	33.00 -1.23 0.00	29.70 -0.90 0.00	29.35 -1.06 0.00	29.46 -0.88 0.00	30.06 -0.72 0.00	28.86 -0.76 0.00	31.42 -0.79 0.00	35.74 -1.57 0.00	42.87 -1.32 0.00	48.22 -2.01 0.00	51.54 -1.82 0.07	46.78 -1.28 0.03	45.95 -1.65 0.20	45.01 -1.86 0.16	41.02 -1.65 0.01	38.70 -1.71 0.00
GE_PLASTICS___DRP 24183	43.93 0.47 0.00	35.29 0.64 0.00	30.37 0.83 0.00	30.98 0.80 0.00	31.47 0.79 0.00	31.76 0.75 0.00	47.59 0.72 0.00	45.86 0.65 0.00	34.71 0.48 0.00	31.06 0.46 0.00	30.90 0.49 0.00	30.82 0.48 0.00	31.22 0.44 0.00	30.09 0.46 0.00	32.72 0.51 0.00	37.99 0.68 0.00	44.86 0.67 0.00	51.07 0.84 0.00	54.14 0.70 0.00	48.59 0.50 0.00	48.43 0.64 0.00	47.73 0.70 0.00	43.35 0.67 0.00	41.03 0.63 0.00
GILBOA___1 23756	44.35 0.90 0.00	35.40 0.75 0.00	30.46 0.92 0.00	31.16 0.97 0.00	31.64 0.96 0.00	31.85 0.84 0.00	47.68 0.81 0.00	45.95 0.74 0.00	34.84 0.61 0.00	31.21 0.61 0.00	31.06 0.66 0.00	31.00 0.66 0.00	31.49 0.71 0.00	30.38 0.75 0.00	32.99 0.78 0.00	38.24 0.93 0.00	45.20 1.01 0.00	51.25 1.02 0.00	54.22 0.79 0.00	48.61 0.52 0.00	48.34 0.55 0.00	47.69 0.67 0.00	43.40 0.72 0.00	41.09 0.68 0.00
GILBOA___2 23757	44.35 0.90 0.00	35.40 0.75 0.00	30.46 0.92 0.00	31.16 0.97 0.00	31.64 0.96 0.00	31.85 0.84 0.00	47.68 0.81 0.00	45.95 0.74 0.00	34.84 0.61 0.00	31.21 0.61 0.00	31.06 0.66 0.00	31.00 0.66 0.00	31.49 0.71 0.00	30.38 0.75 0.00	32.99 0.78 0.00	38.24 0.93 0.00	45.20 1.01 0.00	51.25 1.02 0.00	54.22 0.79 0.00	48.61 0.52 0.00	48.34 0.55 0.00	47.69 0.67 0.00	43.40 0.72 0.00	41.09 0.68 0.00

GILBOA___3 23758	44.35 0.90 0.00	35.40 0.75 0.00	30.46 0.92 0.00	31.16 0.97 0.00	31.64 0.96 0.00	31.85 0.84 0.00	47.68 0.81 0.00	45.95 0.74 0.00	34.84 0.61 0.00	31.21 0.61 0.00	31.06 0.66 0.00	31.00 0.66 0.00	31.49 0.71 0.00	30.38 0.75 0.00	32.99 0.78 0.00	38.24 0.93 0.00	45.20 1.01 0.00	51.25 1.02 0.00	54.22 0.79 0.00	48.61 0.52 0.00	48.34 0.55 0.00	47.69 0.67 0.00	43.40 0.72 0.00	41.09 0.68 0.00
GILBOA___4 23759	44.35 0.90 0.00	35.40 0.75 0.00	30.46 0.92 0.00	31.16 0.97 0.00	31.64 0.96 0.00	31.85 0.84 0.00	47.68 0.81 0.00	45.95 0.74 0.00	34.84 0.61 0.00	31.21 0.61 0.00	31.06 0.66 0.00	31.00 0.66 0.00	31.49 0.71 0.00	30.38 0.75 0.00	32.99 0.78 0.00	38.24 0.93 0.00	45.20 1.01 0.00	51.25 1.02 0.00	54.22 0.79 0.00	48.61 0.52 0.00	48.34 0.55 0.00	47.69 0.67 0.00	43.40 0.72 0.00	41.09 0.68 0.00
GILBOA___ 23599	44.35 0.90 0.00	35.40 0.75 0.00	30.46 0.92 0.00	31.16 0.98 0.00	31.64 0.96 0.00	31.85 0.84 0.00	47.68 0.81 0.00	45.95 0.74 0.00	34.84 0.61 0.00	31.21 0.61 0.00	31.06 0.66 0.00	31.00 0.66 0.00	31.49 0.71 0.00	30.38 0.75 0.00	32.99 0.78 0.00	38.24 0.93 0.00	45.20 1.01 0.00	51.25 1.02 0.00	54.22 0.79 0.00	48.61 0.52 0.00	48.33 0.55 0.00	47.70 0.68 0.00	43.40 0.72 0.00	41.10 0.69 0.00
GINNA___ 23603	40.73 -2.72 0.00	32.41 -2.24 0.00	27.61 -1.93 0.00	28.18 -2.00 0.00	28.63 -2.05 0.00	29.03 -1.98 0.00	44.01 -2.87 0.00	42.31 -2.90 0.00	31.93 -2.30 0.00	28.59 -2.01 0.00	28.38 -2.03 0.00	28.39 -1.96 0.00	28.87 -1.91 0.00	27.77 -1.86 0.00	30.21 -2.01 0.00	34.68 -2.63 0.00	41.39 -2.80 0.00	46.98 -3.25 0.00	50.23 -3.13 0.08	45.43 -2.62 0.03	44.60 -2.90 0.29	43.70 -3.02 0.30	39.72 -2.81 0.15	37.49 -2.78 0.14
GLEN PARK___ 23778	44.50 1.05 0.00	35.93 1.29 0.00	30.59 1.05 0.00	31.23 1.05 0.00	31.76 1.08 0.00	32.26 1.25 0.00	48.85 1.97 0.00	47.06 1.85 0.00	34.90 0.67 0.00	30.67 0.07 0.00	30.22 -0.18 0.00	30.12 -0.22 0.00	30.42 -0.36 0.00	29.30 -0.31 0.00	31.68 -0.52 0.00	36.61 -0.70 0.00	43.65 -0.54 0.00	50.27 0.04 0.00	54.86 1.42 0.00	50.43 2.34 0.00	50.21 2.42 0.00	49.32 2.30 0.00	44.60 1.91 0.00	42.05 1.64 0.00
GLENDALE_27_KV_LOAD 356172	46.46 3.00 0.00	37.00 2.36 0.00	31.72 2.18 0.00	32.18 2.00 0.00	32.64 1.95 0.00	33.00 1.99 0.00	49.42 2.54 0.00	47.75 2.54 0.00	36.61 2.38 0.00	33.03 2.43 0.00	34.82 2.54 -1.87	32.97 2.62 0.00	33.55 2.74 -0.03	32.18 2.56 0.00	35.10 2.89 0.00	40.96 3.65 0.00	48.05 3.86 0.00	53.78 3.55 0.00	56.41 2.98 0.00	50.36 2.28 0.00	50.07 2.28 0.00	49.60 2.58 0.00	44.97 2.29 0.00	42.60 2.20 0.00
GLENWOOD_IC_1_G5 23712	46.40 2.94 0.00	36.88 2.24 0.00	31.66 2.12 0.00	32.15 1.96 0.00	32.58 1.90 0.00	32.93 1.92 0.00	49.32 2.45 0.00	47.53 2.32 0.00	36.12 1.89 0.00	34.22 2.10 -1.52	34.81 2.55 -1.85	32.89 2.55 0.00	33.43 2.65 0.00	32.07 2.45 0.00	35.02 2.81 0.00	46.59 3.63 -5.66	47.76 3.56 0.00	53.53 3.30 0.00	56.16 2.72 0.00	46.73 1.84 3.20	49.69 1.90 0.00	49.07 2.04 0.00	44.51 1.83 0.00	42.45 2.04 0.00
GLENWOOD_IC_2_G1 23688	46.18 2.73 0.00	36.73 2.09 0.00	31.52 1.98 0.00	32.02 1.84 0.00	32.46 1.78 0.00	32.80 1.79 0.00	49.13 2.26 0.00	47.38 2.17 0.00	36.19 1.96 0.00	34.23 2.11 -1.52	34.62 2.36 -1.85	32.72 2.37 0.00	33.25 2.47 0.00	31.91 2.29 0.00	34.81 2.61 0.00	46.32 3.36 -5.66	47.70 3.51 0.00	53.53 3.30 0.00	56.21 2.77 0.00	50.03 1.94 0.00	49.80 2.00 0.00	49.21 2.18 0.00	44.60 1.92 0.00	42.30 1.90 0.00
GLENWOOD_IC_3_G1 23689	46.18 2.73 0.00	36.73 2.09 0.00	31.52 1.98 0.00	32.02 1.84 0.00	32.46 1.78 0.00	32.80 1.79 0.00	49.13 2.26 0.00	47.38 2.17 0.00	36.19 1.96 0.00	34.23 2.11 -1.52	34.62 2.36 -1.85	32.72 2.37 0.00	33.25 2.47 0.00	31.91 2.29 0.00	34.81 2.61 0.00	46.32 3.36 -5.66	47.70 3.51 0.00	53.53 3.30 0.00	56.21 2.77 0.00	50.03 1.94 0.00	49.80 2.00 0.00	49.21 2.18 0.00	44.60 1.92 0.00	42.30 1.90 0.00
GLENWOOD___4 23550	46.40 2.94 0.00	36.88 2.24 0.00	31.66 2.12 0.00	32.15 1.96 0.00	32.58 1.90 0.00	32.93 1.92 0.00	49.32 2.45 0.00	47.54 2.33 0.00	36.20 1.97 0.00	34.29 2.17 -1.52	34.81 2.55 -1.85	32.89 2.55 0.00	33.43 2.65 0.00	32.07 2.45 0.00	35.02 2.81 0.00	46.60 3.63 -5.66	47.86 3.67 0.00	53.65 3.42 0.00	56.28 2.85 0.00	46.85 1.96 3.20	49.81 2.02 0.00	49.19 2.17 0.00	44.61 1.94 0.00	42.45 2.04 0.00
GLENWOOD___5 23614	46.40 2.94 0.00	36.88 2.24 0.00	31.66 2.12 0.00	32.15 1.96 0.00	32.58 1.90 0.00	32.93 1.92 0.00	49.32 2.45 0.00	47.54 2.33 0.00	36.20 1.97 0.00	34.29 2.17 -1.52	34.81 2.55 -1.85	32.89 2.55 0.00	33.43 2.65 0.00	32.07 2.45 0.00	35.02 2.81 0.00	46.60 3.63 -5.66	47.86 3.67 0.00	53.65 3.42 0.00	56.28 2.85 0.00	46.85 1.96 3.20	49.81 2.02 0.00	49.19 2.17 0.00	44.61 1.94 0.00	42.45 2.04 0.00
GLOBAL GREEN_PORT_GT1 23814	46.97 3.51 0.00	36.96 2.32 0.00	32.33 2.80 0.00	33.18 2.99 0.00	33.79 3.12 0.00	34.15 3.14 0.00	50.96 4.08 0.00	49.34 4.13 0.00	37.55 3.32 0.00	35.68 3.56 -1.52	254.99 4.45 -220.14	34.42 4.07 0.00	34.94 4.16 0.00	33.17 3.55 0.00	36.12 3.91 0.00	48.62 5.65 -5.66	50.33 6.14 0.00	55.93 5.69 0.00	58.49 5.06 0.00	40.21 2.63 10.51	51.24 3.45 0.00	50.14 3.12 0.00	45.45 2.77 0.00	42.99 2.58 0.00
GLOBE___DSASP 323697	40.94 -2.52 0.00	32.59 -2.05 0.00	27.78 -1.75 0.00	28.34 -1.85 0.00	28.77 -1.91 0.00	29.20 -1.80 0.00	44.28 -2.60 0.00	42.38 -2.83 0.00	32.13 -2.10 0.00	28.99 -1.61 0.00	28.67 -1.74 0.00	28.76 -1.58 0.00	29.31 -1.46 0.00	28.16 -1.47 0.00	30.63 -1.57 0.00	34.75 -2.56 0.00	41.48 -2.71 0.00	46.37 -3.86 0.00	49.48 -3.88 0.07	45.02 -3.04 0.03	44.14 -3.45 0.21	43.29 -3.56 0.17	39.62 -3.05 0.01	37.58 -2.83 0.00
GOETHSLN___LBMP 323567	46.04 2.59 0.00	36.65 2.01 0.00	31.41 1.87 0.00	31.89 1.70 0.00	32.32 1.64 0.00	32.67 1.66 0.00	48.97 2.10 0.00	47.26 2.05 0.00	36.20 1.97 0.00	32.65 2.05 0.00	34.46 2.18 -1.87	32.62 2.28 0.00	33.21 2.40 -0.03	31.82 2.20 0.00	34.71 2.50 0.00	40.47 3.16 0.00	47.57 3.38 0.00	53.41 3.18 0.00	56.07 2.64 0.00	50.05 1.96 0.00	49.74 1.95 0.00	49.25 2.23 0.00	44.62 1.95 0.00	42.26 1.85 0.00
GOLAH___69_KV_TB 1_2 80279	42.83 -0.62 0.00	34.08 -0.57 0.00	29.00 -0.54 0.00	29.57 -0.61 0.00	30.06 -0.62 0.00	30.49 -0.51 0.00	46.28 -0.59 0.00	44.45 -0.76 0.00	33.47 -0.76 0.00	29.91 -0.69 0.00	29.61 -0.80 0.00	29.60 -0.75 0.00	30.12 -0.66 0.00	28.94 -0.68 0.00	31.48 -0.73 0.00	36.03 -1.28 0.00	43.08 -1.11 0.00	48.84 -1.39 0.00	52.47 -0.89 0.08	47.74 -0.32 0.03	46.91 -0.66 0.22	45.96 -0.88 0.18	41.82 -0.85 0.01	39.46 -0.94 0.00

GOODYEAR_LAKE_HYD 323669	44.80 1.34 0.00	35.70 1.06 0.00	30.59 1.06 0.00	31.24 1.06 0.00	31.72 1.04 0.00	32.05 1.04 0.00	48.29 1.41 0.00	46.50 1.29 0.00	35.16 0.92 0.00	31.43 0.83 0.00	31.26 0.85 0.00	31.25 0.91 0.00	31.72 0.95 0.00	30.54 0.92 0.00	33.22 1.01 0.00	38.51 1.20 0.00	45.71 1.52 0.00	52.05 1.82 0.00	55.44 2.01 0.00	49.73 1.64 0.00	49.32 1.53 0.00	48.52 1.49 0.00	43.96 1.28 0.00	41.53 1.12 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.36 -0.09 0.00	34.49 -0.15 0.00	29.53 -0.01 0.00	30.18 -0.01 0.00	30.64 -0.04 0.00	31.03 0.02 0.00	46.85 -0.03 0.00	44.90 -0.31 0.00	33.91 -0.32 0.00	30.34 -0.26 0.00	30.10 -0.30 0.00	30.17 -0.17 0.00	30.69 -0.09 0.00	29.50 -0.12 0.00	32.09 -0.12 0.00	37.10 -0.21 0.00	44.23 0.04 0.00	50.07 -0.16 0.00	53.41 -0.01 0.02	47.99 -0.08 0.01	47.58 -0.15 0.06	46.78 -0.20 0.05	42.39 -0.29 0.00	40.09 -0.32 0.00
GOUDEY___7 23579	43.36 -0.09 0.00	34.49 -0.15 0.00	29.53 -0.01 0.00	30.18 -0.01 0.00	30.64 -0.04 0.00	31.03 0.02 0.00	46.85 -0.03 0.00	44.90 -0.31 0.00	33.91 -0.32 0.00	30.34 -0.26 0.00	30.10 -0.30 0.00	30.17 -0.17 0.00	30.69 -0.09 0.00	29.50 -0.12 0.00	32.09 -0.12 0.00	37.10 -0.21 0.00	44.23 0.04 0.00	50.07 -0.16 0.00	53.41 -0.01 0.02	47.99 -0.08 0.01	47.58 -0.15 0.06	46.78 -0.20 0.05	42.39 -0.29 0.00	40.09 -0.32 0.00
GOUDEY___8 23580	43.36 -0.09 0.00	34.49 -0.15 0.00	29.53 -0.01 0.00	30.18 -0.01 0.00	30.64 -0.04 0.00	31.03 0.02 0.00	46.85 -0.03 0.00	44.90 -0.31 0.00	33.91 -0.32 0.00	30.34 -0.26 0.00	30.10 -0.30 0.00	30.17 -0.17 0.00	30.69 -0.09 0.00	29.50 -0.12 0.00	32.09 -0.12 0.00	37.10 -0.21 0.00	44.23 0.04 0.00	50.07 -0.16 0.00	53.41 -0.01 0.02	47.99 -0.08 0.01	47.58 -0.15 0.06	46.78 -0.20 0.05	42.39 -0.29 0.00	40.09 -0.32 0.00
GOWANUS_GT1_1 24077	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.81 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.38 2.15 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.65 0.00	40.66 3.35 0.00	47.73 3.54 0.00	53.44 3.20 0.00	56.07 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.84 2.15 0.00	42.45 2.05 0.00
GOWANUS_GT1_2 24078	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.81 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.38 2.15 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.65 0.00	40.66 3.35 0.00	47.73 3.54 0.00	53.44 3.20 0.00	56.07 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.84 2.15 0.00	42.45 2.05 0.00
GOWANUS_GT1_3 24079	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.81 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.38 2.15 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.65 0.00	40.66 3.35 0.00	47.73 3.54 0.00	53.44 3.20 0.00	56.07 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.84 2.15 0.00	42.45 2.05 0.00
GOWANUS_GT1_4 24080	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.81 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.38 2.15 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.65 0.00	40.66 3.35 0.00	47.73 3.54 0.00	53.44 3.20 0.00	56.07 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.84 2.15 0.00	42.45 2.05 0.00
GOWANUS_GT1_5 24084	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.81 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.38 2.15 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.65 0.00	40.66 3.35 0.00	47.73 3.54 0.00	53.44 3.20 0.00	56.07 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.84 2.15 0.00	42.45 2.05 0.00
GOWANUS_GT1_6 24111	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.81 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.38 2.15 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.65 0.00	40.66 3.35 0.00	47.73 3.54 0.00	53.44 3.20 0.00	56.07 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.84 2.15 0.00	42.45 2.05 0.00
GOWANUS_GT1_7 24112	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.81 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.38 2.15 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.65 0.00	40.66 3.35 0.00	47.73 3.54 0.00	53.44 3.20 0.00	56.07 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.84 2.15 0.00	42.45 2.05 0.00
GOWANUS_GT1_8 24113	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.81 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.38 2.15 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.65 0.00	40.66 3.35 0.00	47.73 3.54 0.00	53.44 3.20 0.00	56.07 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.84 2.15 0.00	42.45 2.05 0.00
GOWANUS_GT2_1 24114	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
GOWANUS_GT2_2 24115	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
GOWANUS_GT2_3 24116	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00

GOWANUS_GT2_4 24117	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
GOWANUS_GT2_5 24118	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
GOWANUS_GT2_6 24119	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
GOWANUS_GT2_7 24120	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
GOWANUS_GT2_8 24121	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
GOWANUS_GT3_1 24122	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.15 2.27 0.00	47.52 2.31 0.00	36.38 2.16 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.64 0.00	40.65 3.34 0.00	47.73 3.54 0.00	53.44 3.21 0.00	56.08 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.83 2.15 0.00	42.45 2.04 0.00
GOWANUS_GT3_2 24123	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.15 2.27 0.00	47.52 2.31 0.00	36.38 2.16 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.73 2.39 0.00	33.31 2.50 -0.03	31.95 2.33 0.00	34.85 2.64 0.00	40.65 3.34 0.00	47.73 3.54 0.00	53.44 3.21 0.00	56.08 2.64 0.00	50.16 2.07 0.00	49.87 2.08 0.00	49.41 2.38 0.00	44.83 2.15 0.00	42.45 2.04 0.00
GOWANUS_GT3_3 24124	46.21 2.76 0.00	36.80 2.16 0.00	31.54 2.00 0.00	32.00 1.81 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.15 2.27 0.00	47.52 2.31 0.00	36.38 2.16 0.00	32														

GOWANUS_GT4_3 24132	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.83 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.18 2.30 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.76 3.57 0.00	53.46 3.23 0.00	56.09 2.66 0.00	50.18 2.10 0.00	49.90 2.10 0.00	49.43 2.40 0.00	44.85 2.17 0.00	42.47 2.06 0.00
GOWANUS_GT4_4 24133	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.83 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.18 2.30 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.76 3.57 0.00	53.46 3.23 0.00	56.09 2.66 0.00	50.18 2.10 0.00	49.90 2.10 0.00	49.43 2.40 0.00	44.85 2.17 0.00	42.47 2.06 0.00
GOWANUS_GT4_5 24134	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.83 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.18 2.30 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.76 3.57 0.00	53.46 3.23 0.00	56.09 2.66 0.00	50.18 2.10 0.00	49.90 2.10 0.00	49.43 2.40 0.00	44.85 2.17 0.00	42.47 2.06 0.00
GOWANUS_GT4_6 24135	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.83 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.18 2.30 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.76 3.57 0.00	53.46 3.23 0.00	56.09 2.66 0.00	50.18 2.10 0.00	49.90 2.10 0.00	49.43 2.40 0.00	44.85 2.17 0.00	42.47 2.06 0.00
GOWANUS_GT4_7 24136	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.83 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.18 2.30 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.76 3.57 0.00	53.46 3.23 0.00	56.09 2.66 0.00	50.18 2.10 0.00	49.90 2.10 0.00	49.43 2.40 0.00	44.85 2.17 0.00	42.47 2.06 0.00
GOWANUS_GT4_8 24137	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.83 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.18 2.30 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.76 3.57 0.00	53.46 3.23 0.00	56.09 2.66 0.00	50.18 2.10 0.00	49.90 2.10 0.00	49.43 2.40 0.00	44.85 2.17 0.00	42.47 2.06 0.00
GREENBSH_115KV_TB3 55895	44.03 0.57 0.00	35.29 0.64 0.00	30.38 0.84 0.00	30.97 0.79 0.00	31.47 0.79 0.00	31.75 0.74 0.00	47.52 0.64 0.00	45.79 0.58 0.00	34.65 0.42 0.00	31.00 0.40 0.00	31.11 0.43 -0.27	30.75 0.40 0.00	31.12 0.35 0.00	30.00 0.38 0.00	32.63 0.42 0.00	37.91 0.60 0.00	44.72 0.53 0.00	50.98 0.75 0.00	54.03 0.59 0.00	48.49 0.40 0.00	48.37 0.58 0.00	47.66 0.64 0.00	43.29 0.61 0.00	40.97 0.57 0.00
GREENDGE_115KV_TB5 80291	43.12 -0.33 0.00	34.41 -0.23 0.00	29.40 -0.14 0.00	30.01 -0.17 0.00	30.46 -0.21 0.00	30.92 -0.09 0.00	46.71 -0.17 0.00	44.81 -0.40 0.00	33.77 -0.46 0.00	29.99 -0.60 0.00	29.60 -0.80 0.00	29.70 -0.65 0.00	30.10 -0.68 0.00	28.94 -0.67 0.00	31.50 -0.70 0.00	36.31 -1.00 0.00	43.36 -0.83 0.00	49.23 -1.00 0.00	52.53 -0.87 0.04	48.01 -0.06 0.02	47.59 -0.09 0.11	46.68 -0.25 0.09	42.29 -0.38 0.00	39.91 -0.50 0.00
GREENIDGE___3 23582	43.12 -0.33 0.00	34.41 -0.23 0.00	29.40 -0.14 0.00	30.01 -0.17 0.00	30.46 -0.21 0.00	30.92 -0.09 0.00	46.71 -0.17 0.00	44.81 -0.40 0.00	33.77 -0.46 0.00	29.99 -0.60 0.00	29.60 -0.80 0.00	29.70 -0.65 0.00	30.10 -0.68 0.00	28.94 -0.67 0.00	31.50 -0.70 0.00	36.31 -1.00 0.00	43.36 -0.83 0.00	49.23 -1.00 0.00	52.53 -0.87 0.04	48.01 -0.06 0.02	47.59 -0.09 0.11	46.68 -0.25 0.09	42.29 -0.38 0.00	39.91 -0.50 0.00
GREENIDGE___4 23583	43.12 -0.33 0.00	34.41 -0.23 0.00	29.40 -0.14 0.00	30.02 -0.17 0.00	30.47 -0.21 0.00	30.92 -0.09 0.00	46.71 -0.17 0.00	44.83 -0.38 0.00	33.77 -0.45 0.00	29.99 -0.61 0.00	29.60 -0.80 0.00	29.70 -0.65 0.00	30.10 -0.67 0.00	28.94 -0.67 0.00	31.50 -0.70 0.00	36.31 -1.00 0.00	43.36 -0.83 0.00	49.24 -0.99 0.00	52.52 -0.87 0.04	48.02 -0.06 0.02	47.70 -0.09 0.00	46.85 -0.26 -0.09	42.52 -0.39 -0.23	40.13 -0.50 -0.22
GREENLWN_69_KV_BK 3 55738	46.14 2.69 0.00	36.64 2.00 0.00	31.59 2.06 0.00	32.12 1.94 0.00	32.54 1.86 0.00	32.86 1.86 0.00	49.13 2.26 0.00	47.23 2.02 0.00	36.10 1.87 0.00	34.25 2.13 -1.52	35.75 2.62 -2.73	32.83 2.48 0.00	33.28 2.50 0.00	31.88 2.25 0.00	34.83 2.62 0.00	46.55 3.58 -5.66	47.57 3.38 0.00	53.00 2.77 0.00	55.50 2.07 0.00	38.83 1.01 10.26	49.15 1.36 0.00	48.60 1.58 0.00	44.20 1.53 0.00	41.99 1.58 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.83 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.18 2.30 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.76 3.57 0.00	53.46 3.23 0.00	56.09 2.66 0.00	50.18 2.10 0.00	49.90 2.10 0.00	49.43 2.40 0.00	44.85 2.17 0.00	42.47 2.06 0.00
GRISSOM___SOLAR 323813	45.17 1.71 0.00	35.96 1.32 0.00	30.65 1.11 0.00	31.27 1.09 0.00	31.84 1.16 0.00	32.21 1.20 0.00	48.76 1.88 0.00	46.82 1.61 0.00	34.35 0.12 0.00	30.23 -0.37 0.00	29.97 -0.44 0.00	29.89 -0.46 0.00	30.30 -0.48 0.00	29.18 -0.43 0.00	31.76 -0.45 0.00	36.78 -0.53 0.00	43.74 -0.45 0.00	50.43 0.20 0.00	55.03 1.60 0.00	50.23 2.14 0.00	49.79 2.00 0.00	48.96 1.94 0.00	44.45 1.77 0.00	41.99 1.59 0.00
GROVEVILLE___HYD 323602	46.14 2.68 0.00	36.70 2.06 0.00	31.45 1.91 0.00	31.97 1.78 0.00	32.43 1.75 0.00	32.78 1.77 0.00	49.21 2.33 0.00	47.46 2.25 0.00	36.17 1.94 0.00	32.53 1.93 0.00	32.47 2.07 0.00	32.43 2.09 0.00	32.98 2.20 0.00	31.72 2.10 0.00	34.58 2.37 0.00	40.31 3.00 0.00	47.56 3.37 0.00	53.73 3.50 0.00	56.62 3.19 0.00	50.54 2.45 0.00	50.16 2.37 0.00	49.48 2.45 0.00	44.81 2.14 0.00	42.40 2.00 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.12 -0.33 0.00	34.34 -0.30 0.00	29.35 -0.19 0.00	29.99 -0.19 0.00	30.49 -0.19 0.00	30.83 -0.18 0.00	46.58 -0.30 0.00	44.85 -0.36 0.00	33.79 -0.44 0.00	30.11 -0.49 0.00	29.89 -0.52 0.00	29.89 -0.45 0.00	30.35 -0.43 0.00	29.19 -0.43 0.00	31.76 -0.44 0.00	36.73 -0.58 0.00	43.71 -0.48 0.00	49.79 -0.44 0.00	53.25 -0.20 -0.01	47.93 -0.16 0.00	47.60 -0.23 -0.03	46.75 -0.31 -0.03	42.29 -0.39 0.00	40.00 -0.41 0.00

HAMLTNNY_34_KV_TB 80303	43.13 -0.33 0.00	34.35 -0.29 0.00	29.35 -0.19 0.00	29.99 -0.19 0.00	30.47 -0.21 0.00	30.84 -0.17 0.00	46.57 -0.31 0.00	44.86 -0.35 0.00	33.78 -0.45 0.00	30.09 -0.51 0.00	29.87 -0.54 0.00	29.86 -0.49 0.00	30.32 -0.46 0.00	29.16 -0.45 0.00	31.75 -0.46 0.00	36.68 -0.63 0.00	43.60 -0.59 0.00	49.65 -0.58 0.00	53.17 -0.27 0.00	47.94 -0.15 0.00	47.57 -0.22 0.00	46.71 -0.31 0.00	42.28 -0.40 0.00	39.99 -0.42 0.00
HAMPSHIRE___PAPER_HYD 323593	43.90 0.45 0.00	35.27 0.63 0.00	29.98 0.44 0.00	30.64 0.46 0.00	31.16 0.48 0.00	31.58 0.57 0.00	47.95 1.07 0.00	46.25 1.05 0.00	34.67 0.45 0.00	30.71 0.11 0.00	30.37 -0.04 0.00	30.23 -0.11 0.00	30.54 -0.24 0.00	29.34 -0.28 0.00	31.69 -0.52 0.00	36.47 -0.84 0.00	43.24 -0.95 0.00	49.41 -0.82 0.00	53.28 -0.15 0.00	48.59 0.51 0.00	48.44 0.65 0.00	47.74 0.72 0.00	43.54 0.86 0.00	41.32 0.92 0.00
HARDSCRABBLE_WT_PWR 323673	44.14 0.69 0.00	35.14 0.50 0.00	30.26 0.72 0.00	30.94 0.76 0.00	31.50 0.82 0.00	31.86 0.85 0.00	47.85 0.97 0.00	45.85 0.64 0.00	34.03 -0.20 0.00	30.18 -0.42 0.00	29.91 -0.50 0.00	29.79 -0.55 0.00	30.11 -0.67 0.00	29.01 -0.61 0.00	31.60 -0.61 0.00	36.74 -0.57 0.00	43.43 -0.76 0.00	50.04 -0.19 0.00	53.85 0.42 0.00	48.51 0.42 0.00	48.55 0.76 0.00	48.15 1.13 0.00	43.69 1.02 0.00	41.29 0.89 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.88 2.43 0.00	36.49 1.85 0.00	31.24 1.70 0.00	31.77 1.58 0.00	32.22 1.54 0.00	32.57 1.57 0.00	48.90 2.02 0.00	47.18 1.98 0.00	36.01 1.78 0.00	32.40 1.80 0.00	30.07 1.91 2.25	32.34 2.00 0.00	32.92 2.14 0.00	31.66 2.04 0.00	34.51 2.30 0.00	40.20 2.89 0.00	47.44 3.25 0.00	53.54 3.31 0.00	56.45 3.01 0.00	50.44 2.35 0.00	49.96 2.17 0.00	49.24 2.22 0.00	44.59 1.91 0.00	42.16 1.76 0.00
HARSNRAD_115KV_TB1 81005	41.45 -2.00 0.00	32.97 -1.68 0.00	28.09 -1.45 0.00	28.64 -1.55 0.00	29.08 -1.60 0.00	29.54 -1.46 0.00	44.81 -2.07 0.00	42.90 -2.31 0.00	32.47 -1.76 0.00	29.21 -1.39 0.00	28.86 -1.54 0.00	28.95 -1.40 0.00	29.50 -1.28 0.00	28.32 -1.30 0.00	30.82 -1.39 0.00	34.98 -2.33 0.00	41.91 -2.28 0.00	47.09 -3.14 0.00	50.39 -2.96 0.07	45.91 -2.15 0.03	45.01 -2.57 0.21	44.11 -2.75 0.17	40.33 -2.34 0.01	38.11 -2.30 0.00
HARZA MOOSE___RIVER 24016	44.25 0.80 0.00	35.57 0.93 0.00	30.35 0.81 0.00	30.98 0.79 0.00	31.51 0.83 0.00	31.92 0.91 0.00	48.32 1.44 0.00	46.52 1.31 0.00	34.81 0.58 0.00	30.83 0.22 0.00	30.50 0.09 0.00	30.41 0.07 0.00	30.75 -0.03 0.00	29.59 -0.04 0.00	32.09 -0.12 0.00	37.15 -0.16 0.00	44.21 0.02 0.00	50.68 0.44 0.00	54.67 1.24 0.00	49.59 1.50 0.00	49.33 1.54 0.00	48.49 1.46 0.00	43.96 1.28 0.00	41.54 1.13 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.76 -0.69 0.00	34.07 -0.58 0.00	29.10 -0.44 0.00	29.73 -0.46 0.00	30.22 -0.46 0.00	30.55 -0.46 0.00	46.15 -0.72 0.00	44.45 -0.76 0.00	33.56 -0.67 0.00	29.96 -0.64 0.00	29.76 -0.65 0.00	29.77 -0.58 0.00	30.23 -0.54 0.00	29.09 -0.54 0.00	31.63 -0.58 0.00	36.58 -0.73 0.00	43.48 -0.70 0.00	49.45 -0.78 0.00	52.74 -0.66 0.03	47.51 -0.56 0.01	47.03 -0.67 0.09	46.21 -0.73 0.08	41.94 -0.73 0.00	39.64 -0.76 0.00
HELLGATE_13_KV_LD 55870	46.44 2.99 0.00	37.02 2.38 0.00	31.74 2.21 0.00	32.20 2.02 0.00	32.66 1.97 0.00	33.02 2.01 0.00	49.44 2.56 0.00	47.78 2.57 0.00	36.63 2.40 0.00	33.03 2.43 0.00	34.82 2.54 -1.87	32.98 2.63 0.00	33.53 2.73 -0.03	32.17 2.55 0.00	35.11 2.90 0.00	40.98 3.68 0.00	48.04 3.85 0.00	53.75 3.52 0.00	53.93 2.93 2.43	50.36 2.27 0.00	50.07 2.29 0.00	49.61 2.58 0.00	45.02 2.34 0.00	42.67 2.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.44 2.99 0.00	37.02 2.38 0.00	31.74 2.21 0.00	32.20 2.02 0.00	32.66 1.97 0.00	33.02 2.01 0.00	49.44 2.56 0.00	47.78 2.57 0.00	36.63 2.40 0.00	33.03 2.43 0.00	34.82 2.54 -1.87	32.98 2.63 0.00	33.53 2.73 -0.03	32.17 2.55 0.00	35.11 2.90 0.00	40.98 3.68 0.00	48.04 3.85 0.00	53.75 3.52 0.00	53.93 2.93 2.43	50.36 2.27 0.00	50.07 2.29 0.00	49.61 2.58 0.00	45.02 2.34 0.00	42.67 2.26 0.00
HEMPSTEAD___ 23647	46.23 2.78 0.00	36.72 2.08 0.00	31.56 2.03 0.00	32.05 1.87 0.00	32.48 1.80 0.00	32.83 1.82 0.00	49.11 2.23 0.00	47.30 2.10 0.00	36.07 1.84 0.00	34.24 2.12 -1.52	34.74 2.48 -1.85	32.77 2.43 0.00	33.27 2.50 0.00	31.89 2.27 0.00	34.82 2.61 0.00	46.45 3.48 -5.66	47.68 3.49 0.00	53.39 3.15 0.00	55.98 2.55 0.00	44.78 1.61 4.91	49.56 1.77 0.00	48.93 1.90 0.00	44.44 1.76 0.00	42.24 1.83 0.00
HICKLING___1 23621	43.19 -0.27 0.00	34.28 -0.37 0.00	29.34 -0.19 0.00	29.97 -0.21 0.00	30.42 -0.27 0.00	30.87 -0.14 0.00	46.78 -0.10 0.00	44.91 -0.29 0.00	33.77 -0.45 0.00	30.16 -0.44 0.00	29.71 -0.69 0.00	29.83 -0.51 0.00	30.36 -0.42 0.00	29.13 -0.49 0.00	31.72 -0.49 0.00	36.61 -0.70 0.00	43.91 -0.28 0.00	49.68 -0.55 0.00	53.26 -0.14 0.03	47.96 -0.11 0.01	47.47 -0.22 0.09	46.56 -0.39 0.08	42.09 -0.58 0.00	39.73 -0.67 0.00
HICKLING___2 23622	43.19 -0.27 0.00	34.28 -0.37 0.00	29.34 -0.19 0.00	29.97 -0.21 0.00	30.42 -0.27 0.00	30.87 -0.14 0.00	46.78 -0.10 0.00	44.91 -0.29 0.00	33.77 -0.45 0.00	30.16 -0.44 0.00	29.71 -0.69 0.00	29.83 -0.51 0.00	30.36 -0.42 0.00	29.13 -0.49 0.00	31.72 -0.49 0.00	36.61 -0.70 0.00	43.91 -0.28 0.00	49.68 -0.55 0.00	53.26 -0.14 0.03	47.96 -0.11 0.01	47.47 -0.22 0.09	46.56 -0.39 0.08	42.09 -0.58 0.00	39.73 -0.67 0.00
HIGH FALLS___HY 23754	46.00 2.54 0.00	36.54 1.89 0.00	31.27 1.73 0.00	31.81 1.63 0.00	32.27 1.59 0.00	32.61 1.60 0.00	49.03 2.15 0.00	47.31 2.11 0.00	36.09 1.86 0.00	32.37 1.77 0.00	32.17 1.76 0.00	32.11 1.77 0.00	32.63 1.85 0.00	31.46 1.84 0.00	34.22 2.01 0.00	39.89 2.58 0.00	47.19 3.00 0.00	53.42 3.19 0.00	56.42 2.98 0.00	50.42 2.33 0.00	49.98 2.19 0.00	49.25 2.23 0.00	44.60 1.92 0.00	42.17 1.76 0.00
HIGH_RIVER___SOLAR 323847	44.75 1.30 0.00	35.66 1.02 0.00	30.47 0.93 0.00	31.11 0.93 0.00	31.65 0.97 0.00	31.98 0.98 0.00	48.26 1.38 0.00	46.39 1.19 0.00	34.54 0.31 0.00	30.54 -0.06 0.00	30.23 -0.18 0.00	30.13 -0.21 0.00	30.52 -0.25 0.00	29.41 -0.21 0.00	32.00 -0.21 0.00	37.09 -0.22 0.00	44.14 -0.05 0.00	50.72 0.49 0.00	54.64 1.21 0.00	49.50 1.42 0.00	49.18 1.39 0.00	48.41 1.39 0.00	43.95 1.28 0.00	41.56 1.15 0.00
HILLBURN___GT 23639	45.79 2.34 0.00	36.43 1.78 0.00	31.20 1.66 0.00	31.71 1.52 0.00	32.17 1.49 0.00	32.51 1.50 0.00	48.80 1.92 0.00	47.09 1.88 0.00	35.96 1.74 0.00	32.40 1.80 0.00	29.73 1.93 2.60	32.34 2.00 0.00	32.92 2.15 0.00	31.64 2.02 0.00	34.50 2.29 0.00	40.18 2.87 0.00	47.35 3.16 0.00	53.37 3.14 0.00	56.18 2.75 0.00	50.20 2.11 0.00	49.73 1.94 0.00	49.08 2.05 0.00	44.43 1.75 0.00	42.05 1.64 0.00

HILLSIDE_115KV_TB1 80332	42.56 -0.89 0.00	33.80 -0.84 0.00	28.95 -0.59 0.00	29.58 -0.60 0.00	30.03 -0.65 0.00	30.47 -0.54 0.00	46.12 -0.76 0.00	44.36 -0.85 0.00	33.44 -0.79 0.00	29.91 -0.69 0.00	29.46 -0.94 0.00	29.60 -0.74 0.00	30.16 -0.61 0.00	28.93 -0.69 0.00	31.48 -0.73 0.00	36.36 -0.95 0.00	43.54 -0.65 0.00	49.12 -1.12 0.00	52.47 -0.93 0.03	47.12 -0.96 0.01	46.72 -0.98 0.09	45.87 -1.08 0.08	41.48 -1.19 0.00	39.23 -1.18 0.00
HISHELDN_WT_PWR 323625	42.13 -1.32 0.00	33.48 -1.17 0.00	28.56 -0.97 0.00	29.15 -1.04 0.00	29.58 -1.11 0.00	30.03 -0.98 0.00	45.56 -1.31 0.00	43.63 -1.58 0.00	32.83 -1.40 0.00	29.45 -1.15 0.00	29.07 -1.33 0.00	29.15 -1.19 0.00	29.64 -1.14 0.00	28.47 -1.15 0.00	31.04 -1.17 0.00	35.44 -1.86 0.00	42.51 -1.68 0.00	47.94 -2.29 0.00	51.46 -1.91 0.06	46.78 -1.28 0.02	45.93 -1.59 0.27	44.96 -1.77 0.29	40.87 -1.63 0.19	38.51 -1.73 0.17
HOLTSVILLE_IC_1 23690	46.22 2.76 0.00	36.67 2.03 0.00	31.83 2.30 0.00	32.44 2.25 0.00	32.87 2.19 0.00	33.20 2.20 0.00	49.49 2.62 0.00	47.59 2.38 0.00	36.31 2.08 0.00	34.47 2.36 -1.52	55.20 2.98 -21.81	33.06 2.72 0.00	33.52 2.75 0.00	31.98 2.36 0.00	34.86 2.65 0.00	46.78 3.82 -5.66	47.92 3.74 0.00	53.26 3.03 0.00	55.83 2.40 0.00	38.58 1.02 10.53	49.50 1.72 0.00	48.76 1.74 0.00	44.23 1.55 0.00	41.97 1.56 0.00
HOLTSVILLE_IC_10 23699	46.47 3.02 0.00	36.85 2.21 0.00	32.00 2.46 0.00	32.60 2.42 0.00	33.03 2.35 0.00	33.36 2.36 0.00	49.74 2.86 0.00	47.83 2.62 0.00	36.48 2.25 0.00	34.63 2.51 -1.52	-44.77 3.19 78.36	33.26 2.92 0.00	33.72 2.95 0.00	32.15 2.53 0.00	35.06 2.85 0.00	47.07 4.11 -5.66	48.27 4.08 0.00	53.60 3.37 0.00	56.21 2.78 0.00	38.96 1.31 10.44	49.82 2.03 0.00	49.04 2.01 0.00	44.45 1.77 0.00	42.14 1.73 0.00
HOLTSVILLE_IC_2 23691	46.22 2.76 0.00	36.67 2.03 0.00	31.83 2.30 0.00	32.44 2.25 0.00	32.87 2.19 0.00	33.20 2.20 0.00	49.49 2.62 0.00	47.59 2.38 0.00	36.31 2.08 0.00	34.47 2.36 -1.52	55.20 2.98 -21.81	33.06 2.72 0.00	33.52 2.75 0.00	31.98 2.36 0.00	34.86 2.65 0.00	46.78 3.82 -5.66	47.92 3.74 0.00	53.26 3.03 0.00	55.83 2.40 0.00	38.58 1.02 10.53	49.50 1.72 0.00	48.76 1.74 0.00	44.23 1.55 0.00	41.97 1.56 0.00
HOLTSVILLE_IC_3 23692	46.22 2.76 0.00	36.67 2.03 0.00	31.83 2.30 0.00	32.44 2.25 0.00	32.87 2.19 0.00	33.20 2.20 0.00	49.49 2.62 0.00	47.59 2.38 0.00	36.31 2.08 0.00	34.47 2.36 -1.52	55.20 2.98 -21.81	33.06 2.72 0.00	33.52 2.75 0.00	31.98 2.36 0.00	34.86 2.65 0.00	46.78 3.82 -5.66	47.92 3.74 0.00	53.26 3.03 0.00	55.83 2.40 0.00	38.58 1.02 10.53	49.50 1.72 0.00	48.76 1.74 0.00	44.23 1.55 0.00	41.97 1.56 0.00
HOLTSVILLE_IC_4 23693	46.22 2.76 0.00	36.67 2.03 0.00	31.83 2.30 0.00	32.44 2.25 0.00	32.87 2.19 0.00	33.20 2.20 0.00	49.49 2.62 0.00	47.59 2.38 0.00	36.31 2.08 0.00	34.47 2.36 -1.52	55.20 2.98 -21.81	33.06 2.72 0.00	33.52 2.75 0.00	31.98 2.36 0.00	34.86 2.65 0.00	46.78 3.82 -5.66	47.92 3.74 0.00	53.26 3.03 0.00	55.83 2.40 0.00	38.58 1.02 10.53	49.50 1.72 0.00	48.76 1.74 0.00	44.23 1.55 0.00	41.97 1.56 0.00
HOLTSVILLE_IC_5 23694	46.22 2.76 0.00	36.67 2.03 0.00	31.83 2.30 0.00	32.44 2.25 0.00	32.87 2.19 0.00	33.20 2.20 0.00	49.49 2.62 0.00	47.59 2.38 0.00	36.31 2.08 0.00	34.47 2.36 -1.52	55.20 2.98 -21.81	33.06 2.72 0.00	33.52 2.75 0.00	31.98 2.36 0.00	34.86 2.65 0.00	46.78 3.82 -5.66	47.92 3.74 0.00	53.26 3.03 0.00	55.83 2.40 0.00	38.58 1.02 10.53	49.50 1.72 0.00	48.76 1.74 0.00	44.23 1.55 0.00	41.97 1.56 0.00
HOLTSVILLE_IC_6 23695	46.47 3.02 0.00	36.85 2.21 0.00	32.00 2.46 0.00	32.60 2.42 0.00	33.03 2.35 0.00	33.36 2.36 0.00	49.74 2.86 0.00	47.83 2.62 0.00	36.48 2.25 0.00	34.63 2.51 -1.52	-44.77 3.19 78.36	33.26 2.92 0.00	33.72 2.95 0.00	32.15 2.53 0.00	35.06 2.85 0.00	47.07 4.11 -5.66	48.27 4.08 0.00	53.60 3.37 0.00	56.21 2.78 0.00	38.96 1.31 10.44	49.82 2.03 0.00	49.04 2.01 0.00	44.45 1.77 0.00	42.14 1.73 0.00
HOLTSVILLE_IC_7 23696	46.47 3.02 0.00	36.85 2.21 0.00	32.00 2.46 0.00	32.60 2.42 0.00	33.03 2.35 0.00	33.36 2.36 0.00	49.74 2.86 0.00	47.83 2.62 0.00	36.48 2.25 0.00	34.63 2.51 -1.52	-44.77 3.19 78.36	33.26 2.92 0.00	33.72 2.95 0.00	32.15 2.53 0.00	35.06 2.85 0.00	47.07 4.11 -5.66	48.27 4.08 0.00	53.60 3.37 0.00	56.21 2.78 0.00	38.96 1.31 10.44	49.82 2.03 0.00	49.04 2.01 0.00	44.45 1.77 0.00	42.14 1.73 0.00
HOLTSVILLE_IC_8 23697	46.47 3.02 0.00	36.85 2.21 0.00	32.00 2.46 0.00	32.60 2.42 0.00	33.03 2.35 0.00	33.36 2.36 0.00	49.74 2.86 0.00	47.83 2.62 0.00	36.48 2.25 0.00	34.63 2.51 -1.52	-44.77 3.19 78.36	33.26 2.92 0.00	33.72 2.95 0.00	32.15 2.53 0.00	35.06 2.85 0.00	47.07 4.11 -5.66	48.27 4.08 0.00	53.60 3.37 0.00	56.21 2.78 0.00	38.96 1.31 10.44	49.82 2.03 0.00	49.04 2.01 0.00	44.45 1.77 0.00	42.14 1.73 0.00
HOLTSVILLE_IC_9 23698	46.47 3.02 0.00	36.85 2.21 0.00	32.00 2.46 0.00	32.60 2.42 0.00	33.03 2.35 0.00	33.36 2.36 0.00	49.74 2.86 0.00	47.83 2.62 0.00	36.48 2.25 0.00	34.63 2.51 -1.52	-44.77 3.19 78.36	33.26 2.92 0.00	33.72 2.95 0.00	32.15 2.53 0.00	35.06 2.85 0.00	47.07 4.11 -5.66	48.27 4.08 0.00	53.60 3.37 0.00	56.21 2.78 0.00	38.96 1.31 10.44	49.82 2.03 0.00	49.04 2.01 0.00	44.45 1.77 0.00	42.14 1.73 0.00
HOMER_HL_115KV_TB2 355744	43.04 -0.41 0.00	34.18 -0.46 0.00	29.33 -0.20 0.00	30.01 -0.18 0.00	30.42 -0.26 0.00	31.01 0.00 0.00	46.88 0.01 0.00	45.06 -0.14 0.00	33.99 -0.24 0.00	30.63 0.03 0.00	30.10 -0.30 0.00	30.13 -0.21 0.00	30.50 -0.28 0.00	29.16 -0.46 0.00	31.73 -0.47 0.00	36.51 -0.80 0.00	43.66 -0.53 0.00	48.96 -1.27 0.00	52.26 -1.12 0.06	47.26 -0.80 0.02	46.51 -1.11 0.16	45.64 -1.24 0.14	41.30 -1.37 0.01	39.17 -1.24 0.00
HOWARD_WT_PWR 323690	43.27 -0.18 0.00	34.36 -0.28 0.00	29.42 -0.12 0.00	30.06 -0.12 0.00	30.44 -0.24 0.00	30.88 -0.12 0.00	46.92 0.04 0.00	44.89 -0.32 0.00	33.49 -0.74 0.00	29.84 -0.76 0.00	29.35 -1.06 0.00	29.31 -1.03 0.00	29.58 -1.20 0.00	28.52 -1.10 0.00	31.26 -0.94 0.00	36.01 -1.30 0.00	43.23 -0.96 0.00	49.15 -1.08 0.00	53.12 -0.26 0.05	48.33 0.26 0.02	47.79 0.08 0.08	46.82 -0.18 0.02	42.36 -0.43 -0.10	39.55 -0.96 -0.10
HQ_GEN_CEDARS 23644	43.52 0.07 0.00	34.76 0.12 0.00	29.46 -0.07 0.00	30.13 -0.06 0.00	30.63 -0.05 0.00	30.99 -0.02 0.00	47.13 0.26 0.00	45.59 0.39 0.00	34.57 0.35 0.00	30.85 0.24 0.00	30.61 0.20 0.00	30.48 0.14 0.00	30.84 0.06 0.00	29.56 -0.05 0.00	32.04 -0.17 0.00	36.96 -0.34 0.00	43.74 -0.45 0.00	49.70 -0.53 0.00	53.08 -0.35 0.00	48.11 0.03 0.00	47.84 0.05 0.00	47.03 0.00 0.00	42.90 0.22 0.00	40.76 0.35 0.00

HQ_GEN_CEDARS_PROXY 323590	43.52 0.07 0.00	34.76 0.12 0.00	29.46 -0.07 0.00	30.13 -0.06 0.00	30.63 -0.05 0.00	30.99 -0.02 0.00	47.14 0.25 0.00	44.99 0.38 0.60	34.21 0.35 0.36	30.24 0.24 0.61	30.61 0.20 0.00	30.48 0.14 0.00	30.84 0.06 0.00	29.56 -0.05 0.00	32.04 -0.17 0.00	36.96 -0.35 0.00	43.74 -0.45 0.00	49.70 -0.53 0.00	53.08 -0.35 0.00	48.11 0.03 0.00	47.85 0.06 0.00	47.03 0.00 0.00	42.90 0.22 0.00	40.76 0.36 0.00
HQ_GEN_CHPE_PROXY 323851	48.45 2.75 -2.25	36.78 2.13 0.00	31.53 1.99 0.00	32.01 1.82 0.00	32.45 1.77 0.00	32.79 1.78 0.00	49.15 2.28 0.00	47.46 2.26 0.00	36.34 2.10 0.00	32.79 2.18 0.00	34.58 2.31 -1.87	32.73 2.38 0.00	33.32 2.51 -0.03	31.94 2.32 0.00	34.83 2.62 0.00	40.61 3.30 0.00	48.12 3.48 -0.45	53.74 3.17 -0.33	56.06 2.63 0.00	46.01 1.90 3.97	50.25 1.95 -0.52	49.33 2.30 0.00	44.74 2.06 0.00	42.36 1.95 0.00
HQ_GEN_IMPORT 323601	45.70 0.00 -2.25	34.63 -0.02 0.00	29.35 -0.19 0.00	30.03 -0.15 0.00	30.53 -0.15 0.00	30.87 -0.14 0.00	46.99 0.11 0.00	45.41 0.20 0.00	34.44 0.21 0.00	30.75 0.15 0.00	30.54 0.14 0.00	30.46 0.12 0.00	30.87 0.09 0.00	29.69 0.07 0.00	32.27 0.06 0.00	37.33 0.02 0.00	44.24 0.05 0.00	50.30 0.07 0.00	53.57 0.14 0.00	48.33 0.24 0.00	48.02 0.23 0.00	47.18 0.15 0.00	42.85 0.17 0.00	40.59 0.18 0.00
HQ_GEN_WHEEL 23651	45.70 0.00 -2.25	34.63 -0.02 0.00	29.35 -0.19 0.00	30.03 -0.15 0.00	30.53 -0.15 0.00	30.87 -0.14 0.00	46.99 0.11 0.00	45.41 0.20 0.00	34.44 0.21 0.00	30.75 0.15 0.00	30.54 0.14 0.00	30.46 0.12 0.00	30.87 0.09 0.00	29.69 0.07 0.00	32.27 0.06 0.00	37.33 0.02 0.00	44.24 0.05 0.00	50.30 0.07 0.00	53.57 0.14 0.00	48.33 0.24 0.00	48.02 0.23 0.00	47.18 0.15 0.00	42.85 0.17 0.00	40.59 0.18 0.00
HUDSON AVE_GT_3 23810	46.32 2.87 0.00	36.86 2.22 0.00	31.60 2.06 0.00	32.08 1.89 0.00	32.52 1.84 0.00	32.87 1.86 0.00	49.28 2.40 0.00	47.59 2.39 0.00	36.44 2.21 0.00	32.87 2.28 0.00	34.68 2.40 -1.87	32.82 2.48 0.00	33.41 2.60 -0.03	32.02 2.40 0.00	34.92 2.71 0.00	40.73 3.42 0.00	47.85 3.66 0.00	53.67 3.44 0.00	56.34 2.91 0.00	50.23 2.15 0.00	49.95 2.16 0.00	49.50 2.47 0.00	44.88 2.20 0.00	42.50 2.09 0.00
HUDSON AVE_GT_4 23540	46.32 2.87 0.00	36.86 2.22 0.00	31.60 2.06 0.00	32.08 1.89 0.00	32.52 1.84 0.00	32.87 1.86 0.00	49.28 2.40 0.00	47.59 2.39 0.00	36.44 2.21 0.00	32.87 2.28 0.00	34.68 2.40 -1.87	32.82 2.48 0.00	33.41 2.60 -0.03	32.02 2.40 0.00	34.92 2.71 0.00	40.73 3.42 0.00	47.85 3.66 0.00	53.67 3.44 0.00	56.34 2.91 0.00	50.23 2.15 0.00	49.95 2.16 0.00	49.50 2.47 0.00	44.88 2.20 0.00	42.50 2.09 0.00
HUDSON AVE_GT_5 23657	46.32 2.87 0.00	36.86 2.22 0.00	31.60 2.06 0.00	32.08 1.89 0.00	32.52 1.84 0.00	32.87 1.86 0.00	49.28 2.40 0.00	47.59 2.39 0.00	36.44 2.21 0.00	32.87 2.28 0.00	34.68 2.40 -1.87	32.82 2.48 0.00	33.41 2.60 -0.03	32.02 2.40 0.00	34.92 2.71 0.00	40.73 3.42 0.00	47.85 3.66 0.00	53.67 3.44 0.00	56.34 2.91 0.00	50.23 2.15 0.00	49.95 2.16 0.00	49.50 2.47 0.00	44.88 2.20 0.00	42.50 2.09 0.00
HUDSON_AVE_10 24168	46.17 2.72 0.00	36.75 2.11 0.00	31.48 1.94 0.00	31.92 1.74 0.00	32.36 1.68 0.00	32.72 1.71 0.00	49.07 2.19 0.00	47.38 2.17 0.00	36.30 2.07 0.00	32.72 2.13 0.00	34.50 2.22 -1.87	32.65 2.30 0.00	33.22 2.41 -0.02	31.86 2.24 0.00	34.74 2.53 0.00	40.52 3.21 0.00	47.61 3.42 0.00	53.40 3.17 0.00	56.07 2.64 0.00	49.97 1.88 0.00	49.68 1.89 0.00	49.24 2.21 0.00	44.67 1.99 0.00	42.29 1.88 0.00
HUDSON___115KV_TB 4 355613	44.74 1.29 0.00	35.84 1.20 0.00	30.83 1.29 0.00	31.44 1.26 0.00	31.95 1.27 0.00	32.26 1.25 0.00	48.38 1.50 0.00	46.61 1.40 0.00	35.16 0.93 0.00	31.21 0.61 0.00	31.02 0.61 0.00	30.98 0.64 0.00	31.33 0.55 0.00	30.21 0.58 0.00	32.86 0.65 0.00	38.19 0.88 0.00	45.14 0.95 0.00	51.60 1.37 0.00	55.10 1.67 0.00	49.62 1.53 0.00	49.46 1.67 0.00	48.66 1.64 0.00	44.13 1.45 0.00	41.70 1.30 0.00
HUNTER MOUNT___DRP 323613	44.80 1.34 0.00	35.90 1.26 0.00	30.89 1.35 0.00	31.51 1.33 0.00	32.02 1.33 0.00	32.34 1.33 0.00	48.53 1.66 0.00	46.79 1.58 0.00	35.26 1.04 0.00	31.27 0.67 0.00	31.05 0.65 0.00	31.06 0.71 0.00	31.39 0.61 0.00	30.26 0.64 0.00	32.95 0.74 0.00	38.29 0.99 0.00	45.32 1.13 0.00	51.87 1.63 0.00	55.37 1.94 0.00	49.86 1.77 0.00	49.68 1.89 0.00	48.86 1.84 0.00	44.30 1.63 0.00	41.85 1.44 0.00
HUNTINGTON_RES_REC 323705	46.32 2.87 0.00	36.74 2.10 0.00	31.76 2.22 0.00	32.32 2.13 0.00	32.73 2.05 0.00	33.06 2.06 0.00	49.38 2.51 0.00	47.48 2.28 0.00	36.23 2.00 0.00	34.38 2.26 -1.52	18.75 2.87 14.53	33.04 2.69 0.00	33.46 2.68 0.00	31.99 2.37 0.00	34.96 2.75 0.00	46.82 3.85 -5.66	47.93 3.74 0.00	53.28 3.05 0.00	55.85 2.42 0.00	38.81 1.13 10.41	49.44 1.65 0.00	48.80 1.78 0.00	44.30 1.62 0.00	42.05 1.64 0.00
HUNTLEY___63 23557	41.82 -1.63 0.00	33.24 -1.40 0.00	28.33 -1.21 0.00	28.89 -1.30 0.00	29.31 -1.37 0.00	29.79 -1.22 0.00	45.17 -1.71 0.00	43.28 -1.92 0.00	32.79 -1.44 0.00	29.54 -1.06 0.00	29.19 -1.22 0.00	29.29 -1.06 0.00	29.85 -0.92 0.00	28.69 -0.93 0.00	31.23 -0.98 0.00	35.46 -1.85 0.00	42.44 -1.75 0.00	47.65 -2.58 0.00	50.93 -2.43 0.07	46.31 -1.75 0.03	45.40 -2.19 0.20	44.47 -2.38 0.17	40.63 -2.05 0.01	38.39 -2.02 0.00
HUNTLEY___64 23558	41.82 -1.63 0.00	33.24 -1.40 0.00	28.33 -1.21 0.00	28.89 -1.30 0.00	29.31 -1.37 0.00	29.79 -1.22 0.00	45.17 -1.71 0.00	43.28 -1.92 0.00	32.79 -1.44 0.00	29.54 -1.06 0.00	29.19 -1.22 0.00	29.29 -1.06 0.00	29.85 -0.92 0.00	28.69 -0.93 0.00	31.23 -0.98 0.00	35.46 -1.85 0.00	42.44 -1.75 0.00	47.65 -2.58 0.00	50.93 -2.43 0.07	46.31 -1.75 0.03	45.40 -2.19 0.20	44.47 -2.38 0.17	40.63 -2.05 0.01	38.39 -2.02 0.00
HUNTLEY___65 23559	41.82 -1.63 0.00	33.24 -1.40 0.00	28.33 -1.21 0.00	28.89 -1.30 0.00	29.31 -1.37 0.00	29.79 -1.22 0.00	45.17 -1.71 0.00	43.28 -1.92 0.00	32.79 -1.44 0.00	29.54 -1.06 0.00	29.19 -1.22 0.00	29.29 -1.06 0.00	29.85 -0.92 0.00	28.69 -0.93 0.00	31.23 -0.98 0.00	35.46 -1.85 0.00	42.44 -1.75 0.00	47.65 -2.58 0.00	50.93 -2.43 0.07	46.31 -1.75 0.03	45.40 -2.19 0.20	44.47 -2.38 0.17	40.63 -2.05 0.01	38.39 -2.02 0.00
HUNTLEY___66 23560	41.82 -1.63 0.00	33.24 -1.40 0.00	28.33 -1.21 0.00	28.89 -1.30 0.00	29.31 -1.37 0.00	29.79 -1.22 0.00	45.17 -1.71 0.00	43.28 -1.92 0.00	32.79 -1.44 0.00	29.54 -1.06 0.00	29.19 -1.22 0.00	29.29 -1.06 0.00	29.85 -0.92 0.00	28.69 -0.93 0.00	31.23 -0.98 0.00	35.46 -1.85 0.00	42.44 -1.75 0.00	47.65 -2.58 0.00	50.93 -2.43 0.07	46.31 -1.75 0.03	45.40 -2.19 0.20	44.47 -2.38 0.17	40.63 -2.05 0.01	38.39 -2.02 0.00

HUNTLEY___67 23561	41.60 -1.85 0.00	33.08 -1.56 0.00	28.20 -1.34 0.00	28.77 -1.41 0.00	29.21 -1.47 0.00	29.66 -1.35 0.00	44.99 -1.89 0.00	43.10 -2.11 0.00	32.63 -1.60 0.00	29.41 -1.20 0.00	29.07 -1.34 0.00	29.16 -1.18 0.00	29.73 -1.04 0.00	28.55 -1.07 0.00	31.07 -1.14 0.00	35.32 -1.99 0.00	42.32 -1.87 0.00	47.53 -2.70 0.00	50.76 -2.60 0.07	46.11 -1.95 0.03	45.27 -2.32 0.20	44.36 -2.50 0.17	40.49 -2.17 0.01	38.26 -2.15 0.00
HUNTLEY___68 23562	41.60 -1.85 0.00	33.08 -1.56 0.00	28.20 -1.34 0.00	28.77 -1.41 0.00	29.21 -1.47 0.00	29.66 -1.35 0.00	44.99 -1.89 0.00	43.10 -2.11 0.00	32.63 -1.60 0.00	29.41 -1.20 0.00	29.07 -1.34 0.00	29.16 -1.18 0.00	29.73 -1.04 0.00	28.55 -1.07 0.00	31.07 -1.14 0.00	35.32 -1.99 0.00	42.32 -1.87 0.00	47.53 -2.70 0.00	50.76 -2.60 0.07	46.11 -1.95 0.03	45.27 -2.32 0.20	44.36 -2.50 0.17	40.49 -2.17 0.01	38.26 -2.15 0.00
HYLAND___LFGE 323620	44.61 1.16 0.00	35.40 0.76 0.00	30.16 0.62 0.00	30.78 0.60 0.00	31.24 0.56 0.00	31.76 0.75 0.00	48.45 1.58 0.00	46.48 1.27 0.00	34.28 0.05 0.00	30.17 -0.43 0.00	29.63 -0.78 0.00	29.64 -0.71 0.00	30.10 -0.68 0.00	28.92 -0.70 0.00	31.56 -0.66 0.00	36.18 -1.13 0.00	43.39 -0.80 0.00	49.23 -1.00 0.00	53.74 0.37 0.06	49.98 1.92 0.02	49.43 1.81 0.17	48.32 1.44 0.14	43.72 1.05 0.01	41.06 0.65 0.00
INDECK___CORINTH 23802	44.77 1.32 0.00	35.66 1.01 0.00	30.67 1.13 0.00	31.26 1.08 0.00	31.78 1.10 0.00	32.12 1.11 0.00	48.34 1.46 0.00	46.40 1.20 0.00	34.70 0.47 0.00	30.79 0.19 0.00	30.48 0.07 0.00	30.32 -0.02 0.00	30.51 -0.26 0.00	29.42 -0.20 0.00	32.10 -0.10 0.00	37.48 0.17 0.00	44.61 0.42 0.00	51.33 1.10 0.00	54.71 1.28 0.00	49.14 1.06 0.00	49.10 1.31 0.00	48.41 1.38 0.00	43.98 1.30 0.00	41.56 1.15 0.00
INDECK___ILION 23567	43.93 0.48 0.00	35.00 0.36 0.00	30.04 0.50 0.00	30.69 0.50 0.00	31.21 0.53 0.00	31.55 0.54 0.00	47.48 0.60 0.00	45.61 0.41 0.00	34.16 -0.07 0.00	30.41 -0.19 0.00	30.18 -0.23 0.00	30.10 -0.24 0.00	30.47 -0.30 0.00	29.35 -0.27 0.00	31.95 -0.26 0.00	37.09 -0.22 0.00	43.88 -0.31 0.00	50.27 0.04 0.00	53.78 0.35 0.00	48.40 0.31 0.00	48.30 0.51 0.00	47.71 0.69 0.00	43.29 0.60 0.00	40.93 0.53 0.00
INDECK___OLEAN 23982	43.04 -0.41 0.00	34.19 -0.46 0.00	29.33 -0.21 0.00	30.01 -0.18 0.00	30.42 -0.26 0.00	31.01 0.00 0.00	46.89 0.01 0.00	45.08 -0.13 0.00	33.99 -0.24 0.00	30.63 0.03 0.00	30.10 -0.30 0.00	30.13 -0.21 0.00	30.50 -0.28 0.00	29.16 -0.46 0.00	31.73 -0.48 0.00	36.51 -0.80 0.00	43.66 -0.53 0.00	48.96 -1.27 0.00	52.25 -1.13 0.06	47.26 -0.80 0.02	46.18 -1.12 0.49	45.13 -1.23 0.66	40.65 -1.36 0.67	38.54 -1.23 0.63
INDECK___OSWEGO 23783	42.27 -1.18 0.00	33.73 -0.92 0.00	28.81 -0.73 0.00	29.44 -0.75 0.00	29.94 -0.74 0.00	30.25 -0.76 0.00	45.67 -1.21 0.00	43.99 -1.21 0.00	33.20 -1.02 0.00	29.62 -0.99 0.00	29.40 -1.01 0.00	29.36 -0.99 0.00	29.80 -0.98 0.00	28.69 -0.93 0.00	31.18 -1.02 0.00	36.07 -1.24 0.00	42.82 -1.37 0.00	48.71 -1.52 0.00	52.14 -1.40 -0.10	46.98 -1.15 -0.04	46.92 -1.16 -0.28	46.07 -1.19 -0.24	41.55 -1.14 -0.01	39.28 -1.12 0.00
INDECK___YERKES 23781	41.86 -1.59 0.00	33.27 -1.38 0.00	28.35 -1.19 0.00	28.91 -1.28 0.00	29.34 -1.35 0.00	29.80 -1.20 0.00	45.23 -1.65 0.00	43.33 -1.88 0.00	32.81 -1.41 0.00	29.57 -1.03 0.00	29.22 -1.19 0.00	29.32 -1.03 0.00	29.88 -0.90 0.00	28.72 -0.90 0.00	31.26 -0.94 0.00	35.50 -1.81 0.00	42.47 -1.72 0.00	47.69 -2.54 0.00	50.97 -2.39 0.07	46.34 -1.72 0.03	45.26 -2.15 0.39	44.24 -2.32 0.47	40.30 -2.00 0.38	38.07 -1.97 0.36
INDIAN POINT_GT_1 24139	45.79 2.34 0.00	36.43 1.79 0.00	31.22 1.68 0.00	31.73 1.54 0.00	32.18 1.49 0.00	32.51 1.50 0.00	48.76 1.89 0.00	47.06 1.85 0.00	35.96 1.73 0.00	32.39 1.79 0.00	34.51 1.92 -2.19	32.32 1.98 0.00	32.87 2.10 0.00	31.58 1.96 0.00	34.43 2.22 0.00	40.12 2.81 0.00	47.24 3.05 0.00	53.20 2.96 0.00	55.97 2.54 0.00	49.97 1.88 0.00	49.60 1.81 0.00	49.00 1.98 0.00	44.42 1.74 0.00	42.06 1.65 0.00
INDIAN POINT_GT_2 23659	45.79 2.34 0.00	36.43 1.79 0.00	31.22 1.68 0.00	31.73 1.54 0.00	32.18 1.49 0.00	32.51 1.50 0.00	48.76 1.89 0.00	47.06 1.85 0.00	35.96 1.73 0.00	32.39 1.79 0.00	34.51 1.92 -2.19	32.32 1.98 0.00	32.87 2.10 0.00	31.58 1.96 0.00	34.43 2.22 0.00	40.12 2.81 0.00	47.24 3.05 0.00	53.20 2.96 0.00	55.97 2.54 0.00	49.97 1.88 0.00	49.60 1.81 0.00	49.00 1.98 0.00	44.42 1.74 0.00	42.06 1.65 0.00
INDIAN POINT_GT_3 24019	45.79 2.34 0.00	36.43 1.79 0.00	31.22 1.68 0.00	31.73 1.54 0.00	32.18 1.49 0.00	32.51 1.50 0.00	48.76 1.89 0.00	47.06 1.85 0.00	35.96 1.73 0.00	32.39 1.79 0.00	34.51 1.92 -2.19	32.32 1.98 0.00	32.87 2.10 0.00	31.58 1.96 0.00	34.43 2.22 0.00	40.12 2.81 0.00	47.24 3.05 0.00	53.20 2.96 0.00	55.97 2.54 0.00	49.97 1.88 0.00	49.60 1.81 0.00	49.00 1.98 0.00	44.42 1.74 0.00	42.06 1.65 0.00
INDIAN POINT___2 23530	45.74 2.29 0.00	36.40 1.76 0.00	31.19 1.65 0.00	31.70 1.51 0.00	32.16 1.48 0.00	32.49 1.48 0.00	48.74 1.86 0.00	47.03 1.82 0.00	35.92 1.69 0.00	32.37 1.77 0.00	35.38 1.91 -3.07	32.31 1.96 0.00	32.87 2.09 0.00	31.58 1.96 0.00	34.41 2.21 0.00	40.10 2.79 0.00	47.22 3.03 0.00	53.16 2.93 0.00	55.95 2.51 0.00	49.96 1.87 0.00	49.56 1.76 0.00	48.96 1.93 0.00	44.37 1.69 0.00	42.01 1.60 0.00
INDIAN POINT___3 23531	45.75 2.29 0.00	36.40 1.76 0.00	31.19 1.66 0.00	31.70 1.52 0.00	32.16 1.48 0.00	32.50 1.49 0.00	48.74 1.86 0.00	47.03 1.82 0.00	35.92 1.69 0.00	32.37 1.77 0.00	34.55 1.91 -2.24	32.30 1.95 0.00	32.85 2.07 0.00	31.56 1.94 0.00	34.41 2.20 0.00	40.08 2.77 0.00	47.19 3.00 0.00	53.16 2.93 0.00	55.95 2.51 0.00	49.95 1.86 0.00	49.57 1.78 0.00	48.97 1.95 0.00	44.38 1.70 0.00	42.02 1.62 0.00
INDIANHD_69_KV_BK1 55831	46.44 2.99 0.00	36.83 2.19 0.00	31.87 2.33 0.00	32.43 2.25 0.00	32.85 2.17 0.00	33.18 2.17 0.00	49.55 2.67 0.00	47.63 2.43 0.00	36.32 2.09 0.00	34.47 2.36 -1.52	12.96 3.01 20.46	33.16 2.81 0.00	33.58 2.80 0.00	32.09 2.46 0.00	35.05 2.85 0.00	46.99 4.02 -5.66	48.14 3.95 0.00	53.46 3.23 0.00	56.09 2.66 0.00	38.98 1.32 10.42	49.65 1.86 0.00	48.97 1.94 0.00	44.42 1.75 0.00	42.14 1.73 0.00
INGHAM_C_115KV_TB7 356103	44.36 0.90 0.00	35.31 0.66 0.00	30.47 0.93 0.00	31.12 0.94 0.00	31.65 0.98 0.00	32.01 1.01 0.00	47.98 1.10 0.00	45.90 0.69 0.00	33.92 -0.31 0.00	30.00 -0.60 0.00	29.71 -0.70 0.00	29.62 -0.73 0.00	29.92 -0.85 0.00	28.81 -0.81 0.00	31.39 -0.82 0.00	36.54 -0.77 0.00	43.15 -1.04 0.00	49.93 -0.30 0.00	53.87 0.44 0.00	48.55 0.46 0.00	48.71 0.92 0.00	48.36 1.34 0.00	43.85 1.17 0.00	41.44 1.03 0.00

IP CORINTH___1 23988	45.03 1.58 0.00	35.85 1.20 0.00	30.82 1.29 0.00	31.42 1.24 0.00	31.95 1.27 0.00	32.29 1.28 0.00	48.60 1.72 0.00	46.67 1.46 0.00	34.89 0.66 0.00	30.95 0.35 0.00	30.63 0.23 0.00	30.48 0.14 0.00	30.68 -0.10 0.00	29.58 -0.04 0.00	32.27 0.06 0.00	37.68 0.37 0.00	44.86 0.67 0.00	51.62 1.38 0.00	55.02 1.59 0.00	49.42 1.34 0.00	49.37 1.58 0.00	48.68 1.66 0.00	44.22 1.54 0.00	41.79 1.38 0.00
IP___TICONDEROGA 23804	47.49 4.04 0.00	37.68 3.04 0.00	32.54 3.00 0.00	33.11 2.92 0.00	33.69 3.01 0.00	34.10 3.09 0.00	51.61 4.73 0.00	49.38 4.18 0.00	36.39 2.16 0.00	31.88 1.28 0.00	31.37 0.97 0.00	31.08 0.73 0.00	31.06 0.28 0.00	29.86 0.24 0.00	32.86 0.65 0.00	38.98 1.67 0.00	46.86 2.67 0.00	54.23 3.99 0.00	57.42 3.99 0.00	51.89 3.81 0.00	52.52 4.73 0.00	51.60 4.57 0.00	46.63 3.95 0.00	44.02 3.61 0.00
ISLIP_RES_REC 323679	46.72 3.27 0.00	37.03 2.39 0.00	32.14 2.60 0.00	32.75 2.56 0.00	33.17 2.49 0.00	33.52 2.51 0.00	49.99 3.11 0.00	48.06 2.85 0.00	36.67 2.44 0.00	34.81 2.69 -1.52	-30.00 3.37 63.77	33.45 3.11 0.00	33.93 3.15 0.00	32.32 2.70 0.00	35.26 3.05 0.00	47.32 4.35 -5.66	48.59 4.40 0.00	53.96 3.72 0.00	56.59 3.16 0.00	39.31 1.60 10.38	50.11 2.32 0.00	49.29 2.27 0.00	44.66 1.98 0.00	42.30 1.90 0.00
JAMAICA__27_KV_LOAD 355505	46.52 3.07 0.00	37.04 2.40 0.00	31.70 2.16 0.00	32.09 1.91 0.00	32.51 1.83 0.00	32.87 1.87 0.00	49.30 2.42 0.00	47.62 2.41 0.00	36.47 2.24 0.00	32.84 2.24 0.00	34.52 2.25 -1.87	32.70 2.35 0.00	33.22 2.42 -0.02	31.90 2.28 0.00	34.77 2.57 0.00	40.55 3.24 0.00	47.72 3.53 0.00	53.60 3.37 0.00	56.34 2.91 0.00	50.16 2.08 0.00	49.87 2.08 0.00	49.43 2.41 0.00	44.88 2.20 0.00	42.47 2.06 0.00
JANIS___SOLAR 323808	44.46 1.01 0.00	35.39 0.74 0.00	30.27 0.73 0.00	30.92 0.74 0.00	31.44 0.76 0.00	31.91 0.91 0.00	48.43 1.55 0.00	46.49 1.28 0.00	34.56 0.33 0.00	30.48 -0.12 0.00	30.13 -0.28 0.00	30.03 -0.31 0.00	30.51 -0.27 0.00	29.27 -0.36 0.00	31.84 -0.37 0.00	36.87 -0.44 0.00	44.20 0.01 0.00	50.77 0.54 0.00	55.21 1.80 0.02	50.14 2.06 0.01	49.75 1.95 -0.02	48.87 1.78 -0.06	44.19 1.39 -0.13	41.67 1.14 -0.13
JARVIS____ 23743	43.58 0.13 0.00	34.76 0.12 0.00	29.71 0.18 0.00	30.36 0.18 0.00	30.86 0.18 0.00	31.16 0.15 0.00	47.02 0.14 0.00	45.32 0.11 0.00	34.26 0.04 0.00	30.62 0.02 0.00	30.42 0.02 0.00	30.36 0.02 0.00	30.78 0.00 0.00	29.65 0.03 0.00	32.24 0.03 0.00	37.37 0.07 0.00	44.23 0.04 0.00	50.33 0.10 0.00	53.55 0.11 0.00	48.16 0.08 0.00	47.89 0.10 0.00	47.17 0.14 0.00	42.81 0.13 0.00	40.53 0.12 0.00
JENNISON___1 23625	44.20 0.75 0.00	35.27 0.62 0.00	30.18 0.64 0.00	30.82 0.64 0.00	31.23 0.55 0.00	31.66 0.66 0.00	48.04 1.16 0.00	46.13 0.92 0.00	34.64 0.41 0.00	30.85 0.25 0.00	30.50 0.09 0.00	30.48 0.14 0.00	31.04 0.26 0.00	29.78 0.16 0.00	32.42 0.21 0.00	37.60 0.29 0.00	45.10 0.91 0.00	51.59 1.36 0.00	55.67 2.25 0.02	50.23 2.15 0.01	49.73 1.99 0.04	48.84 1.85 0.04	44.16 1.49 0.00	41.65 1.25 0.00
JENNISON___2 23626	44.20 0.75 0.00	35.27 0.62 0.00	30.18 0.64 0.00	30.82 0.64 0.00	31.23 0.55 0.00	31.66 0.66 0.00	48.04 1.16 0.00	46.13 0.92 0.00	34.64 0.41 0.00	30.85 0.25 0.00	30.50 0.09 0.00	30.48 0.14 0.00	31.04 0.26 0.00	29.78 0.16 0.00	32.42 0.21 0.00	37.60 0.29 0.00	45.10 0.91 0.00	51.59 1.36 0.00	55.67 2.25 0.02	50.23 2.15 0.01	49.73 1.99 0.04	48.84 1.85 0.04	44.16 1.49 0.00	41.65 1.25 0.00
JERICHO_RISE_WT_PWR 323719	43.23 -0.23 0.00	34.43 -0.21 0.00	29.20 -0.34 0.00	29.85 -0.33 0.00	30.34 -0.34 0.00	30.67 -0.33 0.00	46.68 -0.20 0.00	45.17 -0.04 0.00	34.32 0.10 0.00	30.57 -0.03 0.00	30.34 -0.07 0.00	30.16 -0.19 0.00	30.56 -0.22 0.00	29.37 -0.25 0.00	31.87 -0.34 0.00	36.89 -0.43 0.00	43.78 -0.41 0.00	49.90 -0.33 0.00	53.28 -0.15 0.00	48.17 0.09 0.00	47.92 0.13 0.00	47.05 0.02 0.00	42.73 0.05 0.00	40.53 0.12 0.00
KATONAH___115KV_46KV_TB4 355592	45.94 2.49 0.00	36.57 1.93 0.00	31.36 1.83 0.00	31.86 1.68 0.00	32.31 1.63 0.00	32.65 1.64 0.00	48.95 2.08 0.00	47.29 2.08 0.00	36.10 1.87 0.00	32.53 1.93 0.00	33.87 2.06 -1.41	32.47 2.13 0.00	33.02 2.25 0.00	31.75 2.12 0.00	34.61 2.40 0.00	40.34 3.03 0.00	47.50 3.31 0.00	53.50 3.27 0.00	56.26 2.83 0.00	50.21 2.12 0.00	49.85 2.06 0.00	49.25 2.22 0.00	44.62 1.94 0.00	42.25 1.85 0.00
KCE_NY_1 323755	45.22 1.77 0.00	36.02 1.38 0.00	30.93 1.39 0.00	31.54 1.36 0.00	32.07 1.39 0.00	32.40 1.39 0.00	48.76 1.88 0.00	46.93 1.72 0.00	35.17 0.94 0.00	31.32 0.72 0.00	31.05 0.64 0.00	30.93 0.58 0.00	31.23 0.46 0.00	30.12 0.50 0.00	32.84 0.63 0.00	38.22 0.91 0.00	45.40 1.20 0.00	52.11 1.88 0.00	55.38 1.94 0.00	49.72 1.64 0.00	49.66 1.87 0.00	48.88 1.85 0.00	44.36 1.68 0.00	41.96 1.55 0.00
KCE_NY_6_ESR 323823	42.11 -1.34 0.00	33.47 -1.17 0.00	28.52 -1.02 0.00	29.08 -1.10 0.00	29.53 -1.15 0.00	30.00 -1.01 0.00	45.51 -1.37 0.00	43.64 -1.57 0.00	33.02 -1.21 0.00	29.71 -0.89 0.00	29.36 -1.05 0.00	29.45 -0.89 0.00	30.06 -0.72 0.00	28.86 -0.76 0.00	31.42 -0.79 0.00	35.76 -1.55 0.00	42.88 -1.31 0.00	48.25 -1.98 0.00	51.56 -1.80 0.07	46.81 -1.25 0.03	45.78 -1.62 0.39	44.73 -1.82 0.48	40.67 -1.61 0.40	38.35 -1.68 0.38
KEDC_PORT_JEFF_GT2 24210	46.37 2.91 0.00	36.76 2.11 0.00	31.91 2.37 0.00	32.52 2.33 0.00	32.94 2.26 0.00	33.27 2.26 0.00	49.60 2.72 0.00	47.66 2.45 0.00	36.19 1.96 0.00	34.37 2.25 -1.52	18.37 3.09 15.12	33.19 2.85 0.00	33.64 2.86 0.00	32.08 2.46 0.00	35.00 2.79 0.00	46.99 4.02 -5.66	48.10 3.91 0.00	53.15 2.92 0.00	55.93 2.50 0.00	38.69 1.08 10.47	49.63 1.84 0.00	48.90 1.87 0.00	44.33 1.65 0.00	42.04 1.63 0.00
KEDC_PORT_JEFF_GT3 24211	46.37 2.91 0.00	36.76 2.11 0.00	31.91 2.37 0.00	32.52 2.33 0.00	32.94 2.26 0.00	33.27 2.26 0.00	49.60 2.72 0.00	47.66 2.45 0.00	36.19 1.96 0.00	34.37 2.25 -1.52	18.37 3.09 15.12	33.19 2.85 0.00	33.64 2.86 0.00	32.08 2.46 0.00	35.00 2.79 0.00	46.99 4.02 -5.66	48.10 3.91 0.00	53.15 2.92 0.00	55.93 2.50 0.00	38.69 1.08 10.47	49.63 1.84 0.00	48.90 1.87 0.00	44.33 1.65 0.00	42.04 1.63 0.00
KEDC_GLWD_GT4 24219	46.40 2.94 0.00	36.88 2.24 0.00	31.65 2.11 0.00	32.15 1.96 0.00	32.58 1.90 0.00	32.93 1.92 0.00	49.32 2.44 0.00	47.53 2.32 0.00	36.12 1.89 0.00	34.22 2.10 -1.52	34.81 2.55 -1.85	32.89 2.55 0.00	33.43 2.65 0.00	32.07 2.45 0.00	35.02 2.81 0.00	46.59 3.63 -5.66	47.76 3.57 0.00	53.53 3.30 0.00	56.15 2.72 0.00	46.71 1.82 3.20	49.69 1.90 0.00	49.07 2.04 0.00	44.51 1.83 0.00	42.45 2.04 0.00

KEDC_GLWD_GT5 24220	46.40 2.94 0.00	36.88 2.24 0.00	31.65 2.11 0.00	32.15 1.96 0.00	32.58 1.90 0.00	32.93 1.92 0.00	49.32 2.44 0.00	47.53 2.32 0.00	36.12 1.89 0.00	34.22 2.10 -1.52	34.81 2.55 -1.85	32.89 2.55 0.00	33.43 2.65 0.00	32.07 2.45 0.00	35.02 2.81 0.00	46.59 3.63 -5.66	47.76 3.57 0.00	53.53 3.30 0.00	56.15 2.72 0.00	46.71 1.82 3.20	49.69 1.90 0.00	49.07 2.04 0.00	44.51 1.83 0.00	42.45 2.04 0.00
KENSICO____ 23655	45.94 2.49 0.00	36.57 1.93 0.00	31.35 1.81 0.00	31.85 1.67 0.00	32.30 1.62 0.00	32.64 1.63 0.00	48.96 2.08 0.00	47.24 2.03 0.00	36.10 1.87 0.00	32.55 1.95 0.00	34.50 2.10 -2.00	32.49 2.15 0.00	33.04 2.27 0.00	31.74 2.12 0.00	34.60 2.39 0.00	40.32 3.01 0.00	47.45 3.26 0.00	53.35 3.11 0.00	56.09 2.66 0.00	50.05 1.96 0.00	49.70 1.91 0.00	49.13 2.11 0.00	44.54 1.86 0.00	42.18 1.78 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.91 2.45 0.00	36.48 1.84 0.00	31.24 1.70 0.00	31.78 1.59 0.00	32.24 1.56 0.00	32.58 1.57 0.00	48.98 2.10 0.00	47.26 2.05 0.00	36.01 1.79 0.00	32.28 1.68 0.00	31.66 1.65 0.39	32.01 1.66 0.00	32.51 1.74 0.00	31.33 1.70 0.00	34.10 1.89 0.00	39.75 2.45 0.00	47.03 2.83 0.00	53.27 3.04 0.00	56.31 2.87 0.00	50.33 2.24 0.00	49.91 2.12 0.00	49.18 2.16 0.00	44.54 1.86 0.00	42.11 1.70 0.00
KIAC_JFK_GT1 23816	46.07 2.62 0.00	36.70 2.06 0.00	31.41 1.88 0.00	31.80 1.62 0.00	32.23 1.55 0.00	32.56 1.56 0.00	48.82 1.94 0.00	47.15 1.95 0.00	36.14 1.91 0.00	32.55 1.95 0.00	34.24 1.96 -1.87	32.41 2.07 0.00	32.94 2.14 -0.02	31.63 2.01 0.00	34.48 2.27 0.00	40.19 2.88 0.00	47.27 3.08 0.00	53.09 2.86 0.00	55.78 2.34 0.00	49.64 1.56 0.00	49.36 1.57 0.00	48.94 1.92 0.00	44.47 1.79 0.00	42.11 1.70 0.00
KIAC_JFK_GT2 23817	46.07 2.62 0.00	36.70 2.06 0.00	31.41 1.88 0.00	31.80 1.62 0.00	32.23 1.55 0.00	32.56 1.56 0.00	48.82 1.94 0.00	47.15 1.95 0.00	36.14 1.91 0.00	32.55 1.95 0.00	34.24 1.96 -1.87	32.41 2.07 0.00	32.94 2.14 -0.02	31.63 2.01 0.00	34.48 2.27 0.00	40.19 2.88 0.00	47.27 3.08 0.00	53.09 2.86 0.00	55.78 2.34 0.00	49.64 1.56 0.00	49.36 1.57 0.00	48.94 1.92 0.00	44.47 1.79 0.00	42.11 1.70 0.00
KIAC_JFK____ 323774	46.07 2.62 0.00	36.70 2.06 0.00	31.42 1.88 0.00	31.80 1.62 0.00	32.23 1.55 0.00	32.56 1.56 0.00	48.82 1.94 0.00	47.15 1.95 0.00	36.14 1.92 0.00	32.55 1.95 0.00	34.24 1.97 -1.87	32.41 2.06 0.00	32.94 2.14 -0.02	31.63 2.01 0.00	34.48 2.27 0.00	40.19 2.88 0.00	47.27 3.08 0.00	53.09 2.86 0.00	55.78 2.34 0.00	49.64 1.56 0.00	49.35 1.56 0.00	48.94 1.91 0.00	44.46 1.78 0.00	42.10 1.70 0.00
KINTIGH__24_KV_GSU 356498	41.63 -1.82 0.00	33.13 -1.51 0.00	28.25 -1.29 0.00	28.83 -1.36 0.00	29.28 -1.40 0.00	29.71 -1.30 0.00	45.04 -1.84 0.00	43.19 -2.02 0.00	32.67 -1.56 0.00	29.40 -1.20 0.00	29.10 -1.31 0.00	29.16 -1.19 0.00	29.70 -1.08 0.00	28.52 -1.10 0.00	31.03 -1.18 0.00	35.37 -1.94 0.00	42.30 -1.89 0.00	47.62 -2.61 0.00	50.83 -2.52 0.08	46.15 -1.90 0.03	45.15 -2.26 0.38	44.20 -2.38 0.44	40.27 -2.08 0.32	38.06 -2.04 0.30
KINTIGH____ 23543	41.60 -1.85 0.00	33.11 -1.53 0.00	28.23 -1.31 0.00	28.81 -1.37 0.00	29.26 -1.43 0.00	29.69 -1.32 0.00	44.99 -1.88 0.00	43.14 -2.06 0.00	32.64 -1.58 0.00	29.38 -1.22 0.00	29.08 -1.33 0.00	29.14 -1.20 0.00	29.67 -1.10 0.00	28.51 -1.11 0.00	31.00 -1.20 0.00	35.34 -1.97 0.00	42.27 -1.92 0.00	47.59 -2.65 0.00	50.81 -2.54 0.08	46.12 -1.93 0.03	45.28 -2.28 0.23	44.41 -2.43 0.19	40.55 -2.12 0.01	38.34 -2.07 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.78 0.32 0.00	34.89 0.25 0.00	29.61 0.08 0.00	30.24 0.06 0.00	30.74 0.06 0.00	31.09 0.08 0.00	47.23 0.35 0.00	45.67 0.47 0.00	34.71 0.49 0.00	30.84 0.24 0.00	30.59 0.19 0.00	30.37 0.03 0.00	30.79 0.02 0.00	29.63 0.01 0.00	32.18 -0.03 0.00	37.27 -0.03 0.00	44.26 0.07 0.00	50.43 0.19 0.00	53.95 0.52 0.00	48.83 0.75 0.00	48.60 0.82 0.00	47.71 0.69 0.00	43.29 0.61 0.00	41.05 0.65 0.00
LACHUTE__HYDRO 323717	47.49 4.04 0.00	37.68 3.04 0.00	32.54 3.00 0.00	33.11 2.92 0.00	33.70 3.01 0.00	34.10 3.09 0.00	51.61 4.73 0.00	49.38 4.18 0.00	36.39 2.16 0.00	31.88 1.28 0.00	31.37 0.97 0.00	31.08 0.73 0.00	31.06 0.29 0.00	29.86 0.24 0.00	32.86 0.65 0.00	38.98 1.67 0.00	46.86 2.67 0.00	54.23 4.00 0.00	57.42 3.99 0.00	51.89 3.81 0.00	52.52 4.73 0.00	51.60 4.57 0.00	46.63 3.95 0.00	44.02 3.61 0.00
LAWRNCV_115KV_TB1 80681	43.58 0.13 0.00	34.84 0.19 0.00	29.53 0.00 0.00	30.21 0.02 0.00	30.72 0.04 0.00	31.09 0.08 0.00	47.31 0.43 0.00	45.74 0.53 0.00	34.55 0.33 0.00	30.76 0.16 0.00	30.49 0.09 0.00	30.36 0.01 0.00	30.70 -0.08 0.00	29.43 -0.19 0.00	31.76 -0.45 0.00	36.48 -0.82 0.00	43.08 -1.11 0.00	48.91 -1.33 0.00	52.36 -1.07 0.00	47.62 -0.46 0.00	47.49 -0.29 0.00	46.84 -0.18 0.00	42.90 0.22 0.00	40.86 0.46 0.00
LEDERLE____ 23769	45.99 2.53 0.00	36.57 1.93 0.00	31.32 1.79 0.00	31.84 1.65 0.00	32.30 1.61 0.00	32.64 1.63 0.00	49.01 2.13 0.00	47.29 2.08 0.00	36.12 1.89 0.00	32.54 1.94 0.00	29.49 2.06 2.97	32.48 2.14 0.00	33.07 2.29 0.00	31.79 2.16 0.00	34.64 2.43 0.00	40.37 3.06 0.00	47.58 3.39 0.00	53.63 3.39 0.00	56.45 3.02 0.00	50.42 2.33 0.00	49.95 2.16 0.00	49.28 2.26 0.00	44.64 1.96 0.00	42.22 1.81 0.00
LIGHTHSE_115KV_TB6 355974	43.01 -0.45 0.00	34.46 -0.18 0.00	29.40 -0.14 0.00	30.02 -0.16 0.00	30.53 -0.15 0.00	30.90 -0.11 0.00	46.70 -0.18 0.00	44.99 -0.22 0.00	33.78 -0.45 0.00	29.98 -0.62 0.00	29.70 -0.71 0.00	29.65 -0.70 0.00	30.05 -0.73 0.00	28.93 -0.69 0.00	31.40 -0.81 0.00	36.30 -1.01 0.00	43.11 -1.08 0.00	49.19 -1.05 0.00	52.92 -0.54 -0.02	48.01 -0.08 -0.01	47.81 -0.03 -0.05	47.01 -0.06 -0.04	42.53 -0.15 0.00	40.17 -0.24 0.00
LINDEN COGEN____ 23786	46.01 2.56 0.00	36.63 1.99 0.00	31.40 1.87 0.00	31.87 1.68 0.00	32.31 1.63 0.00	32.65 1.65 0.00	48.94 2.06 0.00	47.24 2.03 0.00	36.18 1.95 0.00	32.63 2.03 0.00	34.44 2.17 -1.87	32.61 2.27 0.00	33.20 2.39 -0.03	31.81 2.19 0.00	34.69 2.48 0.00	40.44 3.14 0.00	47.54 3.35 0.00	53.39 3.15 0.00	56.05 2.62 0.00	50.02 1.94 0.00	49.71 1.92 0.00	49.23 2.21 0.00	44.61 1.93 0.00	42.23 1.83 0.00
LINDHRST_69_KV_BK1 356055	46.86 3.41 0.00	37.16 2.51 0.00	32.03 2.49 0.00	32.54 2.36 0.00	32.96 2.28 0.00	33.32 2.31 0.00	49.78 2.91 0.00	47.93 2.72 0.00	36.59 2.37 0.00	34.72 2.60 -1.52	35.92 3.04 -2.47	33.25 2.90 0.00	33.73 2.96 0.00	32.25 2.63 0.00	35.22 3.01 0.00	47.09 4.12 -5.66	48.40 4.21 0.00	54.03 3.80 0.00	56.60 3.16 0.00	41.12 1.98 8.94	50.15 2.36 0.00	49.45 2.43 0.00	44.92 2.24 0.00	42.62 2.22 0.00

LIPA_MISC_IPP 23656	46.12 2.67 0.00	36.55 1.91 0.00	31.91 2.37 0.00	32.59 2.41 0.00	33.03 2.35 0.00	33.37 2.36 0.00	49.64 2.76 0.00	47.75 2.55 0.00	36.42 2.19 0.00	34.60 2.48 -1.52	248.98 3.25 -215.32	33.19 2.84 0.00	33.66 2.88 0.00	32.02 2.40 0.00	34.82 2.62 0.00	46.94 3.97 -5.66	48.17 3.98 0.00	53.54 3.31 0.00	56.12 2.68 0.00	38.61 1.04 10.51	49.73 1.94 0.00	48.80 1.78 0.00	44.18 1.50 0.00	41.86 1.46 0.00
LISF___SOLAR 323691	46.21 2.76 0.00	36.61 1.97 0.00	31.97 2.44 0.00	32.67 2.48 0.00	33.11 2.43 0.00	33.45 2.44 0.00	49.73 2.85 0.00	47.85 2.65 0.00	36.50 2.28 0.00	34.67 2.55 -1.52	353.97 3.32 -320.25	33.23 2.88 0.00	33.70 2.92 0.00	32.05 2.43 0.00	34.85 2.64 0.00	47.00 4.02 -5.66	48.26 4.07 0.00	53.68 3.45 0.00	56.27 2.84 0.00	38.69 1.10 10.50	49.86 2.07 0.00	48.90 1.88 0.00	44.26 1.58 0.00	41.93 1.52 0.00
LITTLE FALLS___HYD 24013	44.36 0.90 0.00	35.31 0.66 0.00	30.47 0.93 0.00	31.12 0.94 0.00	31.65 0.98 0.00	32.01 1.01 0.00	47.98 1.10 0.00	45.90 0.69 0.00	33.92 -0.31 0.00	30.00 -0.60 0.00	29.71 -0.70 0.00	29.62 -0.73 0.00	29.92 -0.85 0.00	28.81 -0.81 0.00	31.39 -0.82 0.00	36.54 -0.77 0.00	43.15 -1.04 0.00	49.93 -0.30 0.00	53.87 0.44 0.00	48.55 0.46 0.00	48.71 0.92 0.00	48.36 1.34 0.00	43.85 1.17 0.00	41.44 1.03 0.00
LITTLRIV_115KV_TB1 356100	44.15 0.69 0.00	35.21 0.57 0.00	29.88 0.34 0.00	30.56 0.38 0.00	31.09 0.41 0.00	31.48 0.47 0.00	47.97 1.09 0.00	46.34 1.13 0.00	34.78 0.55 0.00	30.88 0.28 0.00	30.61 0.20 0.00	30.47 0.13 0.00	30.80 0.02 0.00	29.53 -0.09 0.00	31.87 -0.35 0.00	36.60 -0.71 0.00	43.19 -1.00 0.00	49.08 -1.15 0.00	52.63 -0.80 0.00	48.12 0.03 0.00	48.01 0.22 0.00	47.44 0.41 0.00	43.42 0.74 0.00	41.37 0.96 0.00
LI_NEWBRDGE___DRP 323616	46.05 2.59 0.00	36.57 1.93 0.00	31.48 1.95 0.00	31.99 1.80 0.00	32.41 1.73 0.00	32.76 1.75 0.00	48.96 2.08 0.00	47.14 1.93 0.00	36.00 1.77 0.00	34.17 2.05 -1.52	34.67 2.41 -1.85	32.66 2.32 0.00	33.15 2.38 0.00	31.76 2.14 0.00	34.67 2.47 0.00	46.31 3.34 -5.66	47.47 3.28 0.00	53.10 2.87 0.00	55.66 2.22 0.00	38.01 1.31 11.39	49.34 1.55 0.00	48.71 1.69 0.00	44.26 1.58 0.00	42.02 1.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.45 -2.01 0.00	32.95 -1.70 0.00	28.07 -1.47 0.00	28.64 -1.55 0.00	29.08 -1.61 0.00	29.54 -1.47 0.00	44.80 -2.08 0.00	42.89 -2.31 0.00	32.45 -1.77 0.00	29.20 -1.40 0.00	28.84 -1.57 0.00	28.92 -1.43 0.00	29.47 -1.31 0.00	28.30 -1.32 0.00	30.80 -1.41 0.00	34.94 -2.37 0.00	41.88 -2.31 0.00	47.06 -3.17 0.00	50.38 -2.98 0.07	45.92 -2.14 0.03	45.01 -2.57 0.21	44.10 -2.75 0.17	40.33 -2.34 0.01	38.09 -2.31 0.00
LOCKPORT___CC1 323769	41.45 -2.00 0.00	32.96 -1.68 0.00	28.08 -1.45 0.00	28.64 -1.55 0.00	29.08 -1.60 0.00	29.55 -1.46 0.00	44.82 -2.06 0.00	42.90 -2.30 0.00	32.46 -1.77 0.00	29.21 -1.39 0.00	28.87 -1.54 0.00	28.95 -1.40 0.00	29.50 -1.28 0.00	28.33 -1.30 0.00	30.82 -1.39 0.00	34.99 -2.32 0.00	41.91 -2.28 0.00	47.10 -3.14 0.00	50.39 -2.97 0.07	45.90 -2.15 0.03	44.84 -2.58 0.37	43.87 -2.71 0.44	40.02 -2.32 0.34	37.79 -2.29 0.32
LOCKPORT___CC2 323770	41.45 -2.00 0.00	32.96 -1.68 0.00	28.08 -1.45 0.00	28.64 -1.55 0.00	29.08 -1.60 0.00	29.55 -1.46 0.00	44.82 -2.06 0.00	42.90 -2.30 0.00	32.46 -1.77 0.00	29.21 -1.39 0.00	28.87 -1.54 0.00	28.95 -1.40 0.00	29.50 -1.28 0.00	28.33 -1.30 0.00	30.82 -1.39 0.00	34.99 -2.32 0.00	41.91 -2.28 0.00	47.10 -3.14 0.00	50.39 -2.97 0.07	45.90 -2.15 0.03	44.84 -2.58 0.37	43.87 -2.71 0.44	40.02 -2.32 0.34	37.79 -2.29 0.32
LOCKPORT___CC3 323771	41.45 -2.00 0.00	32.96 -1.68 0.00	28.08 -1.45 0.00	28.64 -1.55 0.00	29.08 -1.60 0.00	29.55 -1.46 0.00	44.82 -2.06 0.00	42.90 -2.30 0.00	32.46 -1.77 0.00	29.21 -1.39 0.00	28.87 -1.54 0.00	28.95 -1.40 0.00	29.50 -1.28 0.00	28.33 -1.30 0.00	30.82 -1.39 0.00	34.99 -2.32 0.00	41.91 -2.28 0.00	47.10 -3.14 0.00	50.39 -2.97 0.07	45.90 -2.15 0.03	44.84 -2.58 0.37	43.87 -2.71 0.44	40.02 -2.32 0.34	37.79 -2.29 0.32
LOCUSVLY_69_KV_BK2 55797	46.56 3.11 0.00	36.98 2.34 0.00	31.77 2.23 0.00	32.26 2.07 0.00	32.69 2.00 0.00	33.04 2.03 0.00	49.43 2.56 0.00	47.64 2.44 0.00	36.33 2.10 0.00	34.43 2.31 -1.52	34.97 2.72 -1.85	33.00 2.66 0.00	33.54 2.77 0.00	32.17 2.55 0.00	35.16 2.95 0.00	46.82 3.85 -5.66	48.07 3.88 0.00	53.78 3.55 0.00	56.39 2.95 0.00	44.99 2.01 5.11	49.94 2.15 0.00	49.27 2.25 0.00	44.73 2.05 0.00	42.48 2.07 0.00
LONG_LAKE_PHOENIX 24014	42.35 -1.11 0.00	33.76 -0.89 0.00	28.83 -0.71 0.00	29.45 -0.73 0.00	29.95 -0.73 0.00	30.27 -0.74 0.00	45.71 -1.17 0.00	44.04 -1.16 0.00	33.24 -0.99 0.00	29.65 -0.95 0.00	29.42 -0.99 0.00	29.39 -0.95 0.00	29.86 -0.92 0.00	28.74 -0.88 0.00	31.23 -0.98 0.00	36.12 -1.19 0.00	42.89 -1.30 0.00	48.77 -1.46 0.00	52.18 -1.31 -0.06	47.05 -1.06 -0.02	46.83 -1.11 -0.15	45.99 -1.16 -0.13	41.57 -1.11 0.00	39.30 -1.10 0.00
LOVETT___3 23632	45.70 2.25 0.00	36.36 1.72 0.00	31.15 1.61 0.00	31.67 1.48 0.00	32.12 1.44 0.00	32.45 1.44 0.00	48.69 1.81 0.00	46.98 1.78 0.00	35.89 1.66 0.00	32.33 1.73 0.00	29.10 1.86 3.17	32.26 1.92 0.00	32.83 2.05 0.00	31.54 1.92 0.00	34.38 2.18 0.00	40.04 2.74 0.00	47.15 2.96 0.00	53.13 2.90 0.00	55.92 2.49 0.00	49.94 1.85 0.00	49.54 1.75 0.00	48.93 1.90 0.00	44.34 1.65 0.00	41.98 1.57 0.00
LOVETT___4 23642	45.70 2.25 0.00	36.36 1.72 0.00	31.15 1.61 0.00	31.67 1.48 0.00	32.12 1.44 0.00	32.45 1.44 0.00	48.69 1.81 0.00	46.98 1.78 0.00	35.89 1.66 0.00	32.33 1.73 0.00	29.10 1.86 3.17	32.26 1.92 0.00	32.83 2.05 0.00	31.54 1.92 0.00	34.38 2.18 0.00	40.04 2.74 0.00	47.15 2.96 0.00	53.13 2.90 0.00	55.92 2.49 0.00	49.94 1.85 0.00	49.54 1.75 0.00	48.93 1.90 0.00	44.34 1.65 0.00	41.98 1.57 0.00
LOVETT___5 23593	45.70 2.25 0.00	36.36 1.72 0.00	31.15 1.61 0.00	31.67 1.48 0.00	32.12 1.44 0.00	32.45 1.44 0.00	48.69 1.81 0.00	46.98 1.78 0.00	35.89 1.66 0.00	32.33 1.73 0.00	29.10 1.86 3.17	32.26 1.92 0.00	32.83 2.05 0.00	31.54 1.92 0.00	34.38 2.18 0.00	40.04 2.74 0.00	47.15 2.96 0.00	53.13 2.90 0.00	55.92 2.49 0.00	49.94 1.85 0.00	49.54 1.75 0.00	48.93 1.90 0.00	44.34 1.65 0.00	41.98 1.57 0.00
LOWER RAQUET___HYD 24057	43.61 0.15 0.00	34.87 0.22 0.00	29.56 0.03 0.00	30.23 0.05 0.00	30.75 0.07 0.00	31.12 0.11 0.00	47.36 0.48 0.00	45.78 0.58 0.00	34.54 0.31 0.00	30.73 0.13 0.00	30.46 0.05 0.00	30.32 -0.03 0.00	30.64 -0.13 0.00	29.38 -0.24 0.00	31.67 -0.54 0.00	36.32 -0.99 0.00	42.86 -1.33 0.00	48.66 -1.57 0.00	52.14 -1.30 0.00	47.47 -0.62 0.00	47.39 -0.40 0.00	46.79 -0.23 0.00	42.90 0.22 0.00	40.90 0.49 0.00

LOWER___HUDSON 24059	44.66 1.21 0.00	35.66 1.02 0.00	30.68 1.15 0.00	31.27 1.09 0.00	31.78 1.10 0.00	32.08 1.07 0.00	48.11 1.24 0.00	46.33 1.12 0.00	34.95 0.72 0.00	31.21 0.61 0.00	31.26 0.59 -0.27	30.85 0.51 0.00	31.17 0.40 0.00	30.05 0.43 0.00	32.72 0.52 0.00	38.03 0.72 0.00	44.94 0.75 0.00	51.43 1.20 0.00	54.52 1.09 0.00	48.96 0.87 0.00	48.97 1.18 0.00	48.27 1.25 0.00	43.84 1.16 0.00	41.52 1.11 0.00
LOWVILLE_115KV_TB2 356335	44.20 0.75 0.00	35.70 1.06 0.00	30.44 0.91 0.00	31.07 0.88 0.00	31.61 0.93 0.00	32.05 1.04 0.00	48.54 1.67 0.00	46.76 1.56 0.00	34.90 0.67 0.00	30.82 0.21 0.00	30.43 0.03 0.00	30.31 -0.03 0.00	30.57 -0.20 0.00	29.43 -0.19 0.00	31.87 -0.34 0.00	36.84 -0.47 0.00	43.89 -0.30 0.00	50.41 0.18 0.00	54.61 1.17 0.00	49.76 1.67 0.00	49.53 1.74 0.00	48.69 1.67 0.00	44.17 1.50 0.00	41.77 1.36 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.19 1.73 0.00	36.02 1.38 0.00	30.93 1.39 0.00	31.54 1.36 0.00	32.06 1.38 0.00	32.39 1.38 0.00	48.72 1.84 0.00	46.87 1.67 0.00	35.17 0.94 0.00	31.30 0.70 0.00	31.04 0.63 0.00	30.91 0.57 0.00	31.22 0.45 0.00	30.11 0.49 0.00	32.81 0.60 0.00	38.18 0.87 0.00	45.33 1.14 0.00	51.99 1.76 0.00	55.32 1.89 0.00	49.69 1.61 0.00	49.60 1.81 0.00	48.84 1.82 0.00	44.32 1.65 0.00	41.94 1.54 0.00
LUTHERNY_35_KV_BK2 355980	45.22 1.77 0.00	36.02 1.38 0.00	30.93 1.39 0.00	31.54 1.36 0.00	32.07 1.39 0.00	32.41 1.40 0.00	48.76 1.89 0.00	46.93 1.72 0.00	35.17 0.94 0.00	31.32 0.72 0.00	31.05 0.64 0.00	30.93 0.58 0.00	31.23 0.46 0.00	30.12 0.50 0.00	32.84 0.63 0.00	38.22 0.91 0.00	45.40 1.21 0.00	52.11 1.88 0.00	55.38 1.94 0.00	49.73 1.64 0.00	49.66 1.87 0.00	48.88 1.85 0.00	44.36 1.68 0.00	41.96 1.55 0.00
LWR___OSWEGATCHIE_HYD 23850	43.90 0.45 0.00	35.27 0.63 0.00	29.98 0.44 0.00	30.64 0.46 0.00	31.16 0.48 0.00	31.58 0.57 0.00	47.95 1.07 0.00	46.26 1.05 0.00	34.68 0.45 0.00	30.71 0.11 0.00	30.37 -0.04 0.00	30.23 -0.11 0.00	30.54 -0.24 0.00	29.35 -0.28 0.00	31.69 -0.52 0.00	36.47 -0.84 0.00	43.24 -0.95 0.00	49.41 -0.82 0.00	53.28 -0.15 0.00	48.59 0.51 0.00	48.44 0.65 0.00	47.74 0.72 0.00	43.54 0.86 0.00	41.32 0.91 0.00
LYONS_FALL_HYD 23570	44.25 0.79 0.00	35.57 0.93 0.00	30.35 0.81 0.00	30.98 0.79 0.00	31.51 0.83 0.00	31.92 0.91 0.00	48.32 1.44 0.00	46.52 1.31 0.00	34.81 0.58 0.00	30.83 0.23 0.00	30.50 0.09 0.00	30.41 0.07 0.00	30.75 -0.03 0.00	29.59 -0.04 0.00	32.09 -0.12 0.00	37.15 -0.16 0.00	44.21 0.02 0.00	50.68 0.44 0.00	54.67 1.23 0.00	49.59 1.50 0.00	49.33 1.54 0.00	48.49 1.46 0.00	43.96 1.28 0.00	41.54 1.13 0.00
MADISON___COUNTY_LFGE 323628	44.36 0.91 0.00	35.41 0.77 0.00	30.23 0.69 0.00	30.86 0.68 0.00	31.38 0.70 0.00	31.78 0.77 0.00	48.08 1.20 0.00	46.24 1.04 0.00	34.66 0.43 0.00	30.75 0.15 0.00	30.49 0.09 0.00	30.50 0.16 0.00	30.94 0.16 0.00	29.74 0.12 0.00	32.34 0.13 0.00	37.46 0.15 0.00	44.57 0.38 0.00	50.94 0.71 0.00	54.75 1.34 0.02	49.43 1.35 0.01	49.08 1.33 0.04	48.21 1.22 0.04	43.67 0.99 0.00	41.23 0.82 0.00
MALONE___115KV_TB1 356076	43.55 0.10 0.00	34.69 0.05 0.00	29.44 -0.09 0.00	30.11 -0.08 0.00	30.61 -0.07 0.00	30.96 -0.05 0.00	47.10 0.23 0.00	45.59 0.39 0.00	34.60 0.37 0.00	30.79 0.19 0.00	30.57 0.17 0.00	30.33 -0.02 0.00	30.75 -0.02 0.00	29.54 -0.08 0.00	32.05 -0.16 0.00	37.08 -0.23 0.00	44.02 -0.17 0.00	50.20 -0.03 0.00	53.79 0.36 0.00	48.75 0.66 0.00	48.50 0.71 0.00	47.57 0.55 0.00	43.15 0.47 0.00	40.88 0.48 0.00
MAPLEWOD_115KV_TB3 80458	44.54 1.08 0.00	35.61 0.97 0.00	30.64 1.10 0.00	31.23 1.05 0.00	31.74 1.05 0.00	32.02 1.01 0.00	47.99 1.11 0.00	46.23 1.02 0.00	34.94 0.71 0.00	31.24 0.64 0.00	31.33 0.65 -0.27	30.96 0.62 0.00	31.33 0.55 0.00	30.20 0.58 0.00	32.86 0.65 0.00	38.18 0.87 0.00	45.09 0.90 0.00	51.49 1.26 0.00	54.62 1.19 0.00	49.02 0.93 0.00	48.91 1.13 0.00	48.19 1.16 0.00	43.74 1.06 0.00	41.38 0.98 0.00
MAPLE_RIDGE_WT_1 323574	43.14 -0.31 0.00	34.50 -0.14 0.00	29.46 -0.08 0.00	30.10 -0.08 0.00	30.60 -0.08 0.00	30.92 -0.09 0.00	46.78 -0.09 0.00	45.16 -0.05 0.00	34.20 -0.03 0.00	30.56 -0.04 0.00	30.35 -0.06 0.00	30.26 -0.09 0.00	30.65 -0.13 0.00	29.50 -0.12 0.00	32.07 -0.14 0.00	37.15 -0.16 0.00	44.02 -0.17 0.00	50.08 -0.15 0.00	53.33 -0.10 0.00	48.04 -0.05 0.00	47.74 -0.05 0.00	46.96 -0.07 0.00	42.63 -0.05 0.00	40.36 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	43.14 -0.31 0.00	34.50 -0.14 0.00	29.46 -0.08 0.00	30.10 -0.08 0.00	30.60 -0.08 0.00	30.92 -0.09 0.00	46.78 -0.09 0.00	45.16 -0.05 0.00	34.20 -0.03 0.00	30.56 -0.04 0.00	30.35 -0.06 0.00	30.26 -0.09 0.00	30.65 -0.13 0.00	29.50 -0.12 0.00	32.07 -0.14 0.00	37.15 -0.16 0.00	44.02 -0.17 0.00	50.08 -0.15 0.00	53.33 -0.10 0.00	48.04 -0.05 0.00	47.74 -0.05 0.00	46.96 -0.07 0.00	42.63 -0.05 0.00	40.36 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	43.30 -0.15 0.00	34.48 -0.17 0.00	29.24 -0.30 0.00	29.89 -0.29 0.00	30.38 -0.30 0.00	30.72 -0.29 0.00	46.71 -0.17 0.00	45.21 0.00 0.00	34.37 0.14 0.00	30.60 0.00 0.00	30.36 -0.04 0.00	30.17 -0.17 0.00	30.57 -0.20 0.00	29.40 -0.22 0.00	31.91 -0.30 0.00	36.94 -0.37 0.00	43.85 -0.34 0.00	49.97 -0.27 0.00	53.36 -0.07 0.00	48.22 0.13 0.00	47.98 0.19 0.00	47.10 0.07 0.00	42.79 0.11 0.00	40.58 0.18 0.00
MARSHVLE_115KV_TB1 80742	44.96 1.51 0.00	35.78 1.14 0.00	30.32 0.78 0.00	30.95 0.77 0.00	31.58 0.90 0.00	31.98 0.97 0.00	48.63 1.75 0.00	46.74 1.54 0.00	34.56 0.33 0.00	30.63 0.04 0.00	30.45 0.04 0.00	30.31 -0.04 0.00	30.74 -0.04 0.00	29.63 0.01 0.00	32.21 0.00 0.00	37.17 -0.14 0.00	44.23 0.04 0.00	50.56 0.32 0.00	55.01 1.57 0.00	50.28 2.19 0.00	49.66 1.87 0.00	48.85 1.83 0.00	44.42 1.74 0.00	41.95 1.54 0.00
MARSH_HILL_WT_PWR 323713	43.24 -0.22 0.00	34.33 -0.31 0.00	29.39 -0.15 0.00	30.03 -0.15 0.00	30.41 -0.27 0.00	30.86 -0.15 0.00	46.87 -0.01 0.00	44.82 -0.39 0.00	33.43 -0.80 0.00	29.79 -0.81 0.00	29.30 -1.10 0.00	29.27 -1.07 0.00	29.55 -1.22 0.00	28.49 -1.13 0.00	31.22 -0.98 0.00	35.96 -1.35 0.00	43.18 -1.01 0.00	49.10 -1.13 0.00	53.07 -0.31 0.05	48.27 0.20 0.02	47.69 0.04 0.14	46.70 -0.21 0.11	42.22 -0.45 0.00	39.42 -0.99 0.00
MCINTYRE_115KV_TB2 80467	44.49 1.04 0.00	35.42 0.78 0.00	30.00 0.46 0.00	30.68 0.49 0.00	31.21 0.53 0.00	31.60 0.59 0.00	48.19 1.31 0.00	46.54 1.34 0.00	34.88 0.65 0.00	30.99 0.39 0.00	30.72 0.31 0.00	30.59 0.24 0.00	30.92 0.15 0.00	29.64 0.02 0.00	32.04 -0.17 0.00	36.87 -0.44 0.00	43.57 -0.62 0.00	49.54 -0.69 0.00	53.11 -0.32 0.00	48.72 0.63 0.00	48.57 0.77 0.00	47.85 0.82 0.00	43.70 1.02 0.00	41.56 1.16 0.00

MECO____69_KV_BK1 80468	45.60 2.15 0.00	36.29 1.64 0.00	30.89 1.36 0.00	31.53 1.34 0.00	32.11 1.43 0.00	32.52 1.52 0.00	49.33 2.46 0.00	47.42 2.21 0.00	34.88 0.65 0.00	30.66 0.06 0.00	30.32 -0.08 0.00	30.19 -0.15 0.00	30.60 -0.18 0.00	29.51 -0.11 0.00	32.09 -0.12 0.00	37.15 -0.16 0.00	44.27 0.08 0.00	51.07 0.84 0.00	55.76 2.32 0.00	51.04 2.96 0.00	50.47 2.68 0.00	49.55 2.53 0.00	44.96 2.28 0.00	42.43 2.02 0.00
MENANDS__115KV_TB5 355628	44.30 0.85 0.00	35.47 0.83 0.00	30.53 0.99 0.00	31.12 0.93 0.00	31.62 0.93 0.00	31.90 0.89 0.00	47.75 0.88 0.00	46.01 0.81 0.00	34.82 0.59 0.00	31.16 0.56 0.00	31.26 0.58 -0.27	30.89 0.54 0.00	31.25 0.47 0.00	30.12 0.50 0.00	32.77 0.56 0.00	38.09 0.78 0.00	44.93 0.74 0.00	51.26 1.03 0.00	54.31 0.88 0.00	48.72 0.64 0.00	48.64 0.85 0.00	47.93 0.90 0.00	43.52 0.84 0.00	41.18 0.78 0.00
MG INDUSTRY__DRP 24185	44.28 0.82 0.00	35.48 0.84 0.00	30.51 0.97 0.00	31.14 0.96 0.00	31.65 0.97 0.00	31.93 0.92 0.00	47.86 0.98 0.00	46.05 0.85 0.00	34.71 0.48 0.00	31.00 0.39 0.00	30.82 0.41 0.00	30.79 0.45 0.00	31.14 0.36 0.00	30.00 0.38 0.00	32.64 0.43 0.00	37.88 0.57 0.00	44.77 0.57 0.00	51.12 0.89 0.00	54.36 0.93 0.00	48.83 0.74 0.00	48.65 0.86 0.00	47.95 0.93 0.00	43.56 0.88 0.00	41.25 0.84 0.00
MID____OSWEGATCHIE_HYD 23849	43.90 0.45 0.00	35.27 0.63 0.00	29.98 0.44 0.00	30.64 0.46 0.00	31.16 0.48 0.00	31.58 0.57 0.00	47.95 1.07 0.00	46.26 1.05 0.00	34.68 0.45 0.00	30.71 0.11 0.00	30.37 -0.04 0.00	30.23 -0.11 0.00	30.54 -0.24 0.00	29.35 -0.28 0.00	31.69 -0.52 0.00	36.47 -0.84 0.00	43.24 -0.95 0.00	49.41 -0.82 0.00	53.28 -0.15 0.00	48.59 0.51 0.00	48.44 0.65 0.00	47.74 0.72 0.00	43.54 0.86 0.00	41.32 0.91 0.00
MID____RAQUETTE_HYD 23851	43.60 0.15 0.00	34.86 0.22 0.00	29.56 0.03 0.00	30.23 0.05 0.00	30.75 0.07 0.00	31.12 0.11 0.00	47.36 0.48 0.00	45.79 0.58 0.00	34.54 0.31 0.00	30.73 0.13 0.00	30.46 0.05 0.00	30.32 -0.03 0.00	30.64 -0.13 0.00	29.38 -0.24 0.00	31.66 -0.54 0.00	36.32 -0.99 0.00	42.86 -1.33 0.00	48.66 -1.57 0.00	52.14 -1.30 0.00	47.46 -0.63 0.00	47.39 -0.40 0.00	46.79 -0.23 0.00	42.89 0.21 0.00	40.90 0.49 0.00
MILLIKEN__1 23584	43.81 0.36 0.00	34.85 0.21 0.00	29.80 0.27 0.00	30.45 0.26 0.00	30.93 0.25 0.00	31.33 0.32 0.00	47.36 0.48 0.00	45.57 0.36 0.00	34.21 -0.02 0.00	30.38 -0.22 0.00	30.08 -0.33 0.00	30.07 -0.27 0.00	30.49 -0.29 0.00	29.32 -0.30 0.00	31.92 -0.29 0.00	36.88 -0.43 0.00	43.94 -0.25 0.00	50.14 -0.09 0.00	53.94 0.53 0.01	48.75 0.67 0.00	48.39 0.63 0.04	47.51 0.51 0.03	42.96 0.28 0.00	40.61 0.20 0.00
MILLIKEN__2 23585	43.81 0.36 0.00	34.85 0.21 0.00	29.80 0.27 0.00	30.45 0.26 0.00	30.93 0.25 0.00	31.33 0.32 0.00	47.36 0.48 0.00	45.57 0.36 0.00	34.21 -0.02 0.00	30.38 -0.22 0.00	30.08 -0.33 0.00	30.07 -0.27 0.00	30.49 -0.29 0.00	29.32 -0.30 0.00	31.92 -0.29 0.00	36.88 -0.43 0.00	43.94 -0.25 0.00	50.14 -0.09 0.00	53.94 0.53 0.01	48.75 0.67 0.00	48.39 0.63 0.04	47.51 0.51 0.03	42.96 0.28 0.00	40.61 0.20 0.00
MILLIKEN__DIESEL 23629	43.81 0.36 0.00	34.85 0.21 0.00	29.80 0.27 0.00	30.45 0.26 0.00	30.93 0.25 0.00	31.33 0.32 0.00	47.36 0.48 0.00	45.57 0.36 0.00	34.21 -0.02 0.00	30.38 -0.22 0.00	30.08 -0.33 0.00	30.07 -0.27 0.00	30.49 -0.29 0.00	29.32 -0.30 0.00	31.92 -0.29 0.00	36.88 -0.43 0.00	43.94 -0.25 0.00	50.14 -0.09 0.00	53.94 0.53 0.01	48.75 0.67 0.00	48.39 0.63 0.04	47.51 0.51 0.03	42.96 0.28 0.00	40.61 0.20 0.00
MILLSEAT____LFGE 323607	42.90 -0.56 0.00	34.04 -0.60 0.00	28.98 -0.55 0.00	29.56 -0.63 0.00	30.02 -0.66 0.00	30.49 -0.52 0.00	46.38 -0.50 0.00	44.51 -0.70 0.00	33.40 -0.82 0.00	29.75 -0.85 0.00	29.28 -1.13 0.00	29.30 -1.05 0.00	29.80 -0.97 0.00	28.62 -1.00 0.00	31.12 -1.09 0.00	35.44 -1.87 0.00	42.48 -1.71 0.00	48.11 -2.12 0.00	52.09 -1.27 0.08	47.78 -0.28 0.03	46.77 -0.67 0.35	45.70 -0.93 0.40	41.55 -0.84 0.29	39.12 -1.01 0.27
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.83 2.38 0.00	36.47 1.82 0.00	31.26 1.73 0.00	31.77 1.59 0.00	32.22 1.54 0.00	32.56 1.55 0.00	48.83 1.95 0.00	47.13 1.92 0.00	35.99 1.76 0.00	32.43 1.83 0.00	34.42 1.98 -2.04	32.37 2.02 0.00	32.91 2.13 0.00	31.62 2.00 0.00	34.47 2.26 0.00	40.16 2.85 0.00	47.28 3.09 0.00	53.23 3.00 0.00	56.01 2.57 0.00	49.98 1.89 0.00	49.63 1.84 0.00	49.05 2.02 0.00	44.46 1.78 0.00	42.10 1.69 0.00
MILLWOOD_13_KV_LOAD 356217	45.95 2.50 0.00	36.57 1.92 0.00	31.35 1.82 0.00	31.86 1.68 0.00	32.31 1.63 0.00	32.65 1.64 0.00	48.95 2.07 0.00	47.25 2.04 0.00	36.09 1.86 0.00	32.52 1.92 0.00	34.50 2.05 -2.04	32.44 2.10 0.00	32.99 2.21 0.00	31.70 2.08 0.00	34.55 2.34 0.00	40.26 2.96 0.00	47.41 3.22 0.00	53.39 3.16 0.00	56.17 2.74 0.00	50.12 2.03 0.00	49.76 1.97 0.00	49.17 2.14 0.00	44.56 1.88 0.00	42.18 1.78 0.00
MODEL_CITY_ENERGY 24167	41.01 -2.44 0.00	32.61 -2.03 0.00	27.78 -1.76 0.00	28.34 -1.85 0.00	28.79 -1.89 0.00	29.25 -1.76 0.00	44.33 -2.55 0.00	42.43 -2.77 0.00	32.12 -2.10 0.00	28.93 -1.68 0.00	28.60 -1.81 0.00	28.68 -1.67 0.00	29.23 -1.55 0.00	28.07 -1.55 0.00	30.53 -1.67 0.00	34.63 -2.68 0.00	41.49 -2.70 0.00	46.58 -3.65 0.00	49.80 -3.56 0.07	45.37 -2.69 0.03	44.28 -3.13 0.38	43.33 -3.24 0.45	39.56 -2.76 0.36	37.37 -2.70 0.34
MODERN_LFGE__ 323580	41.01 -2.44 0.00	32.61 -2.03 0.00	27.78 -1.76 0.00	28.34 -1.85 0.00	28.79 -1.89 0.00	29.25 -1.76 0.00	44.33 -2.55 0.00	42.43 -2.77 0.00	32.12 -2.10 0.00	28.93 -1.68 0.00	28.60 -1.81 0.00	28.68 -1.67 0.00	29.23 -1.55 0.00	28.07 -1.55 0.00	30.53 -1.67 0.00	34.63 -2.68 0.00	41.49 -2.70 0.00	46.58 -3.65 0.00	49.80 -3.56 0.07	45.37 -2.69 0.03	44.28 -3.13 0.38	43.33 -3.24 0.45	39.56 -2.76 0.36	37.37 -2.70 0.34
MOHAWK_PAPER__DRP 24187	44.54 1.08 0.00	35.61 0.97 0.00	30.64 1.10 0.00	31.23 1.05 0.00	31.74 1.05 0.00	32.02 1.01 0.00	47.99 1.11 0.00	46.23 1.02 0.00	34.94 0.71 0.00	31.24 0.64 0.00	31.33 0.65 -0.27	30.96 0.62 0.00	31.33 0.55 0.00	30.20 0.58 0.00	32.86 0.65 0.00	38.18 0.87 0.00	45.09 0.90 0.00	51.49 1.26 0.00	54.62 1.19 0.00	49.02 0.93 0.00	48.91 1.13 0.00	48.19 1.16 0.00	43.74 1.06 0.00	41.38 0.98 0.00
MOHICAN__35_KV_115KV_LD 80490	45.55 2.10 0.00	36.25 1.60 0.00	31.19 1.66 0.00	31.79 1.60 0.00	32.32 1.64 0.00	32.67 1.66 0.00	49.21 2.33 0.00	47.27 2.07 0.00	35.29 1.05 0.00	31.25 0.65 0.00	30.90 0.49 0.00	30.74 0.40 0.00	30.93 0.16 0.00	29.83 0.21 0.00	32.55 0.34 0.00	38.04 0.74 0.00	45.35 1.16 0.00	52.24 2.00 0.00	55.66 2.23 0.00	50.02 1.94 0.00	50.04 2.25 0.00	49.30 2.28 0.00	44.73 2.05 0.00	42.28 1.88 0.00

MONGAUP___HYD 23641	45.85 2.40 0.00	36.46 1.82 0.00	31.22 1.68 0.00	31.76 1.57 0.00	32.22 1.54 0.00	32.57 1.56 0.00	48.95 2.07 0.00	47.24 2.04 0.00	35.90 1.67 0.00	31.95 1.35 0.00	29.91 1.32 1.82	31.68 1.34 0.00	32.20 1.43 0.00	30.97 1.35 0.00	33.73 1.52 0.00	39.23 1.93 0.00	46.32 2.13 0.00	52.45 2.22 0.00	56.00 2.57 0.00	50.39 2.30 0.00	50.03 2.24 0.00	49.31 2.29 0.00	44.64 1.95 0.00	42.19 1.79 0.00
MONTAUK___DIESEL 23721	46.83 3.37 0.00	36.77 2.13 0.00	32.19 2.65 0.00	33.10 2.91 0.00	33.77 3.09 0.00	34.11 3.10 0.00	50.97 4.09 0.00	49.43 4.23 0.00	37.58 3.35 0.00	35.72 3.60 -1.52	251.31 4.52 -216.39	34.53 4.18 0.00	35.06 4.29 0.00	33.28 3.66 0.00	36.22 4.01 0.00	48.75 5.78 -5.66	50.47 6.28 0.00	56.07 5.84 0.00	58.58 5.15 0.00	40.24 2.66 10.51	51.18 3.39 0.00	50.11 3.08 0.00	45.49 2.81 0.00	43.02 2.62 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.21 -0.24 0.00	34.26 -0.38 0.00	29.23 -0.31 0.00	29.86 -0.33 0.00	30.34 -0.34 0.00	30.88 -0.13 0.00	46.96 0.08 0.00	45.07 -0.14 0.00	34.03 -0.20 0.00	30.56 -0.04 0.00	30.09 -0.31 0.00	30.26 -0.08 0.00	30.86 0.08 0.00	29.56 -0.06 0.00	32.16 -0.05 0.00	36.76 -0.55 0.00	44.16 -0.03 0.00	49.61 -0.63 0.00	53.10 -0.27 0.06	48.12 0.06 0.02	47.35 -0.26 0.18	46.29 -0.58 0.15	41.81 -0.86 0.01	39.18 -1.22 0.00
MORRIS RIDGE___SOLAR 323848	42.56 -0.90 0.00	33.81 -0.83 0.00	28.90 -0.64 0.00	29.50 -0.68 0.00	29.92 -0.76 0.00	30.35 -0.66 0.00	46.06 -0.82 0.00	44.02 -1.18 0.00	32.91 -1.32 0.00	29.32 -1.28 0.00	28.90 -1.50 0.00	28.96 -1.39 0.00	29.37 -1.41 0.00	28.24 -1.38 0.00	30.84 -1.37 0.00	35.38 -1.93 0.00	42.44 -1.75 0.00	48.10 -2.13 0.00	51.97 -1.41 0.06	47.29 -0.77 0.02	46.66 -0.97 0.15	45.73 -1.16 0.13	41.49 -1.18 0.00	39.06 -1.34 0.00
MORTIMER_115KV_TB3 55949	42.55 -0.91 0.00	33.84 -0.81 0.00	28.83 -0.71 0.00	29.42 -0.77 0.00	29.89 -0.80 0.00	30.31 -0.70 0.00	45.96 -0.92 0.00	44.15 -1.06 0.00	33.33 -0.90 0.00	29.88 -0.72 0.00	29.62 -0.78 0.00	29.65 -0.70 0.00	30.17 -0.61 0.00	29.00 -0.62 0.00	31.54 -0.67 0.00	36.14 -1.17 0.00	43.18 -1.01 0.00	48.90 -1.33 0.00	52.31 -1.05 0.08	47.41 -0.64 0.03	46.60 -0.97 0.22	45.67 -1.16 0.18	41.58 -1.09 0.01	39.25 -1.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.20 2.75 0.00	36.78 2.13 0.00	31.53 1.99 0.00	32.01 1.82 0.00	32.45 1.77 0.00	32.80 1.79 0.00	49.16 2.29 0.00	47.46 2.26 0.00	36.33 2.10 0.00	32.77 2.17 0.00	34.58 2.31 -1.87	32.72 2.38 0.00	33.30 2.49 -0.03	31.93 2.31 0.00	34.82 2.61 0.00	40.60 3.29 0.00	47.68 3.49 0.00	53.47 3.24 0.00	56.15 2.71 0.00	50.08 1.99 0.00	49.81 2.01 0.00	49.35 2.33 0.00	44.75 2.07 0.00	42.38 1.97 0.00
MUNSVILLE_WIND_PWR 323609	45.21 1.76 0.00	36.04 1.39 0.00	30.88 1.34 0.00	31.58 1.40 0.00	32.12 1.44 0.00	32.71 1.70 0.00	49.80 2.92 0.00	47.73 2.53 0.00	35.46 1.23 0.00	31.18 0.58 0.00	30.86 0.46 0.00	30.66 0.31 0.00	31.19 0.42 0.00	29.85 0.22 0.00	32.51 0.30 0.00	37.70 0.39 0.00	45.46 1.26 0.00	52.39 2.16 0.00	57.28 3.86 0.02	51.88 3.80 0.01	51.39 3.59 -0.01	50.47 3.39 -0.05	45.59 2.80 -0.11	42.93 2.41 -0.11
N SALMON___HYD 24042	43.55 0.10 0.00	34.69 0.05 0.00	29.44 -0.09 0.00	30.11 -0.08 0.00	30.61 -0.07 0.00	30.96 -0.05 0.00	47.11 0.23 0.00	45.59 0.38 0.00	34.60 0.37 0.00	30.79 0.19 0.00	30.57 0.17 0.00	30.33 -0.02 0.00	30.75 -0.02 0.00	29.54 -0.08 0.00	32.05 -0.16 0.00	37.08 -0.23 0.00	44.02 -0.17 0.00	50.20 -0.03 0.00	53.79 0.36 0.00	48.75 0.66 0.00	48.51 0.72 0.00	47.57 0.55 0.00	43.15 0.47 0.00	40.88 0.48 0.00
N.AKRON___115KV_KNAPP 355671	42.37 -1.08 0.00	33.65 -1.00 0.00	28.66 -0.88 0.00	29.23 -0.96 0.00	29.69 -1.00 0.00	30.15 -0.86 0.00	45.80 -1.08 0.00	43.92 -1.29 0.00	33.10 -1.13 0.00	29.61 -0.99 0.00	29.18 -1.23 0.00	29.22 -1.12 0.00	29.74 -1.03 0.00	28.56 -1.06 0.00	31.06 -1.15 0.00	35.32 -1.99 0.00	42.34 -1.85 0.00	47.80 -2.43 0.00	51.50 -1.86 0.08	47.10 -0.96 0.03	46.21 -1.38 0.21	45.24 -1.61 0.17	41.28 -1.39 0.01	38.92 -1.48 0.00
N.BELMOR_69_KV_BK1 55787	46.50 3.05 0.00	36.93 2.28 0.00	31.75 2.21 0.00	32.24 2.05 0.00	32.67 1.98 0.00	33.03 2.02 0.00	49.37 2.50 0.00	47.52 2.31 0.00	36.22 1.99 0.00	34.42 2.30 -1.52	34.92 2.66 -1.85	32.94 2.60 0.00	33.42 2.64 0.00	32.01 2.39 0.00	34.95 2.74 0.00	46.65 3.69 -5.66	47.92 3.72 0.00	53.64 3.41 0.00	56.25 2.81 0.00	44.53 1.88 5.45	49.84 2.06 0.00	49.18 2.16 0.00	44.70 2.02 0.00	42.44 2.04 0.00
N.E_GEN_SANDY PD 24062	45.93 1.25 -1.23	35.34 1.08 0.38	30.78 1.23 -0.02	31.31 1.13 0.00	31.82 1.13 0.00	33.05 1.08 -0.96	47.66 1.18 0.40	46.48 1.09 -0.19	35.08 0.85 0.00	31.37 0.84 0.08	31.90 0.92 -0.57	31.27 0.83 -0.10	31.36 0.73 0.14	30.31 0.73 0.04	32.98 0.86 0.09	38.47 1.15 -0.01	45.10 1.06 0.15	51.94 1.38 -0.33	51.58 1.00 2.86	46.38 0.71 2.42	49.37 1.06 -0.52	48.07 1.22 0.18	43.25 1.14 0.57	42.23 1.16 -0.67
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.83 2.38 0.00	36.46 1.81 0.00	31.22 1.68 0.00	31.73 1.55 0.00	32.19 1.51 0.00	32.53 1.52 0.00	48.81 1.93 0.00	47.09 1.89 0.00	35.97 1.74 0.00	32.41 1.81 0.00	29.30 1.94 3.05	32.36 2.02 0.00	32.94 2.16 0.00	31.66 2.04 0.00	34.51 2.30 0.00	40.21 2.90 0.00	47.36 3.17 0.00	53.37 3.14 0.00	56.18 2.75 0.00	50.18 2.10 0.00	49.73 1.94 0.00	49.09 2.07 0.00	44.47 1.79 0.00	42.08 1.68 0.00
N.QUEENS_27_KV_LOAD 356247	46.16 2.70 0.00	36.83 2.18 0.00	31.57 2.03 0.00	32.00 1.81 0.00	32.47 1.79 0.00	32.84 1.84 0.00	49.08 2.20 0.00	47.45 2.24 0.00	36.41 2.18 0.00	32.80 2.20 0.00	34.58 2.31 -1.87	32.76 2.41 0.00	33.31 2.50 -0.03	31.96 2.34 0.00	34.92 2.71 0.00	40.80 3.49 0.00	47.76 3.57 0.00	53.41 3.17 0.00	55.97 2.53 0.00	49.92 1.84 0.01	49.68 1.90 0.01	49.21 2.19 0.00	44.67 2.00 0.00	42.36 1.96 0.00
N.TROY___115KV_TB1 355778	44.67 1.21 0.00	35.66 1.02 0.00	30.68 1.14 0.00	31.27 1.09 0.00	31.78 1.10 0.00	32.08 1.07 0.00	48.11 1.24 0.00	46.33 1.12 0.00	34.95 0.72 0.00	31.21 0.61 0.00	31.26 0.59 -0.27	30.85 0.51 0.00	31.17 0.40 0.00	30.05 0.43 0.00	32.72 0.52 0.00	38.03 0.72 0.00	44.94 0.75 0.00	51.42 1.19 0.00	54.52 1.09 0.00	48.96 0.87 0.00	48.97 1.18 0.00	48.27 1.25 0.00	43.84 1.16 0.00	41.52 1.11 0.00
NARROWS_GT1_1 24228	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00

NARROWS_GT1_2 24229	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT1_3 24230	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT1_4 24231	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT1_5 24232	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT1_6 24233	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT1_7 24234	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT1_8 24235	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT2_1 24236	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT2_2 24237	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT2_3 24238	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT2_4 24239	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT2_5 24240	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT2_6 24241	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT2_7 24242	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NARROWS_GT2_8 24243	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.24 0.00	56.09 2.66 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00

NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.80 1.34 0.00	35.90 1.26 0.00	30.89 1.35 0.00	31.51 1.33 0.00	32.02 1.33 0.00	32.34 1.33 0.00	48.53 1.66 0.00	46.79 1.58 0.00	35.26 1.04 0.00	31.27 0.67 0.00	31.05 0.65 0.00	31.06 0.71 0.00	31.39 0.61 0.00	30.26 0.64 0.00	32.95 0.74 0.00	38.29 0.99 0.00	45.32 1.13 0.00	51.87 1.63 0.00	55.37 1.94 0.00	49.86 1.77 0.00	49.68 1.89 0.00	48.86 1.84 0.00	44.30 1.63 0.00	41.85 1.44 0.00
NCHELSEA_115KV_TR2 355582	46.05 2.60 0.00	36.64 2.00 0.00	31.41 1.87 0.00	31.93 1.74 0.00	32.38 1.70 0.00	32.73 1.72 0.00	49.13 2.25 0.00	47.38 2.17 0.00	36.12 1.89 0.00	32.48 1.88 0.00	32.42 2.01 0.00	32.38 2.04 0.00	32.92 2.14 0.00	31.66 2.04 0.00	34.51 2.31 0.00	40.23 2.92 0.00	47.47 3.27 0.00	53.62 3.38 0.00	56.52 3.08 0.00	50.45 2.36 0.00	50.08 2.29 0.00	49.40 2.37 0.00	44.74 2.06 0.00	42.33 1.93 0.00
NEG CAPITAL___MECHNVIL 23645	45.27 1.82 0.00	36.10 1.45 0.00	30.99 1.46 0.00	31.61 1.42 0.00	32.14 1.45 0.00	32.45 1.44 0.00	48.80 1.92 0.00	46.96 1.75 0.00	35.28 1.05 0.00	31.40 0.80 0.00	31.14 0.74 0.00	31.03 0.68 0.00	31.34 0.57 0.00	30.23 0.61 0.00	32.94 0.74 0.00	38.33 1.02 0.00	45.48 1.29 0.00	52.19 1.95 0.00	55.50 2.06 0.00	49.83 1.75 0.00	49.75 1.95 0.00	48.97 1.95 0.00	44.43 1.75 0.00	42.03 1.63 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.04 -1.41 0.00	33.43 -1.21 0.00	28.49 -1.04 0.00	29.09 -1.10 0.00	29.54 -1.14 0.00	29.96 -1.05 0.00	45.41 -1.47 0.00	43.66 -1.55 0.00	32.94 -1.28 0.00	29.48 -1.12 0.00	29.26 -1.15 0.00	29.28 -1.06 0.00	29.77 -1.01 0.00	28.63 -0.99 0.00	31.12 -1.09 0.00	35.72 -1.59 0.00	42.67 -1.52 0.00	48.42 -1.82 0.00	51.76 -1.61 0.07	46.81 -1.25 0.03	46.08 -1.51 0.19	45.18 -1.68 0.16	41.08 -1.60 0.01	38.79 -1.62 0.00
NEG CENTRAL___DRP 24199	43.21 -0.24 0.00	34.42 -0.23 0.00	29.40 -0.14 0.00	30.03 -0.16 0.00	30.49 -0.19 0.00	30.91 -0.10 0.00	46.74 -0.14 0.00	44.93 -0.28 0.00	33.80 -0.42 0.00	30.05 -0.55 0.00	29.78 -0.63 0.00	29.83 -0.51 0.00	30.26 -0.52 0.00	29.14 -0.48 0.00	31.70 -0.50 0.00	36.56 -0.75 0.00	43.55 -0.64 0.00	49.53 -0.70 0.00	53.06 -0.36 0.02	48.11 0.03 0.01	47.66 -0.07 0.06	46.76 -0.21 0.05	42.32 -0.35 0.00	39.98 -0.43 0.00
NEG CENTRAL___INDECK 23768	43.87 0.42 0.00	34.83 0.19 0.00	29.70 0.16 0.00	30.31 0.12 0.00	30.76 0.07 0.00	31.24 0.24 0.00	47.58 0.70 0.00	45.63 0.42 0.00	33.94 -0.29 0.00	30.06 -0.54 0.00	29.62 -0.78 0.00	29.64 -0.71 0.00	30.10 -0.68 0.00	28.92 -0.70 0.00	31.56 -0.66 0.00	36.18 -1.13 0.00	43.39 -0.80 0.00	49.23 -1.00 0.00	53.46 0.09 0.06	49.11 1.04 0.02	48.45 0.83 0.17	47.39 0.51 0.14	42.93 0.26 0.01	40.35 -0.06 0.00
NEG CENTRAL___SENECA 23627	43.26 -0.20 0.00	34.45 -0.19 0.00	29.43 -0.11 0.00	30.05 -0.14 0.00	30.50 -0.18 0.00	30.95 -0.06 0.00	46.83 -0.05 0.00	44.96 -0.25 0.00	33.82 -0.41 0.00	30.06 -0.54 0.00	29.74 -0.67 0.00	29.82 -0.53 0.00	30.27 -0.51 0.00	29.12 -0.50 0.00	31.67 -0.53 0.00	36.48 -0.83 0.00	43.56 -0.63 0.00	49.49 -0.75 0.00	52.99 -0.40 0.05	48.21 0.15 0.02	47.67 0.00 0.13	46.75 -0.17 0.11	42.36 -0.31 0.00	39.97 -0.43 0.00
NEG CENTRAL___STATE_STREET 24147	43.43 -0.03 0.00	34.58 -0.07 0.00	29.56 0.03 0.00	30.22 0.03 0.00	30.68 0.00 0.00	31.08 0.07 0.00	46.95 0.08 0.00	45.18 -0.03 0.00	33.99 -0.24 0.00	30.23 -0.37 0.00	30.00 -0.40 0.00	30.00 -0.34 0.00	30.37 -0.41 0.00	29.21 -0.41 0.00	31.86 -0.34 0.00	36.80 -0.51 0.00	43.79 -0.40 0.00	49.84 -0.39 0.00	53.50 0.07 0.00	48.19 0.10 0.00	47.94 0.15 0.00	47.09 0.07 0.00	42.48 -0.20 0.00	40.25 -0.15 0.00
NEG MILLWOOD___DRP 24198	46.26 2.81 0.00	36.82 2.17 0.00	31.55 2.02 0.00	32.06 1.87 0.00	32.52 1.84 0.00	32.86 1.85 0.00	49.29 2.41 0.00	47.35 2.14 0.00	36.15 1.92 0.00	32.60 2.00 0.00	32.61 2.20 0.00	32.53 2.18 0.00	33.07 2.29 0.00	31.80 2.18 0.00	34.68 2.47 0.00	40.43 3.12 0.00	47.66 3.46 0.00	53.76 3.53 0.00	56.60 3.17 0.00	50.50 2.42 0.00	50.12 2.33 0.00	49.47 2.45 0.00	44.82 2.14 0.00	42.42 2.01 0.00
NEG NORTH_FLCN_SEA 23793	43.73 0.28 0.00	34.84 0.20 0.00	29.57 0.03 0.00	30.19 0.01 0.00	30.69 0.01 0.00	31.03 0.02 0.00	47.11 0.24 0.00	45.57 0.37 0.00	34.71 0.48 0.00	30.86 0.26 0.00	30.60 0.19 0.00	30.39 0.05 0.00	30.80 0.03 0.00	29.66 0.04 0.00	32.22 0.01 0.00	37.34 0.03 0.00	44.32 0.13 0.00	50.44 0.21 0.00	53.88 0.45 0.00	48.70 0.62 0.00	48.50 0.71 0.00	47.62 0.59 0.00	43.22 0.54 0.00	40.99 0.59 0.00
NEG NORTH_KES_CHATEGAY 23792	43.31 -0.14 0.00	34.48 -0.17 0.00	29.24 -0.29 0.00	29.89 -0.29 0.00	30.38 -0.30 0.00	30.73 -0.28 0.00	46.74 -0.13 0.00	45.25 0.05 0.00	34.33 0.11 0.00	30.57 -0.03 0.00	30.34 -0.07 0.00	30.15 -0.19 0.00	30.55 -0.22 0.00	29.37 -0.25 0.00	31.87 -0.34 0.00	36.89 -0.42 0.00	43.79 -0.40 0.00	49.90 -0.33 0.00	53.30 -0.13 0.00	48.28 0.20 0.00	48.05 0.25 0.00	47.15 0.12 0.00	42.82 0.14 0.00	40.61 0.20 0.00
NEG NORTH___ALICE_FALLS 23915	43.78 0.32 0.00	34.89 0.25 0.00	29.61 0.08 0.00	30.24 0.06 0.00	30.74 0.06 0.00	31.09 0.08 0.00	47.23 0.35 0.00	45.67 0.47 0.00	34.71 0.49 0.00	30.84 0.24 0.00	30.59 0.19 0.00	30.37 0.03 0.00	30.79 0.02 0.00	29.63 0.01 0.00	32.18 -0.03 0.00	37.27 -0.03 0.00	44.26 0.07 0.00	50.43 0.19 0.00	53.95 0.52 0.00	48.83 0.75 0.00	48.60 0.82 0.00	47.71 0.69 0.00	43.29 0.61 0.00	41.05 0.65 0.00
NEG NORTH___LWR_SARANAC 23913	43.78 0.32 0.00	34.89 0.25 0.00	29.61 0.08 0.00	30.24 0.06 0.00	30.74 0.06 0.00	31.09 0.08 0.00	47.23 0.35 0.00	45.67 0.47 0.00	34.71 0.49 0.00	30.84 0.24 0.00	30.59 0.19 0.00	30.37 0.03 0.00	30.79 0.02 0.00	29.63 0.01 0.00	32.18 -0.03 0.00	37.27 -0.03 0.00	44.26 0.07 0.00	50.43 0.19 0.00	53.95 0.52 0.00	48.83 0.75 0.00	48.60 0.82 0.00	47.71 0.69 0.00	43.29 0.61 0.00	41.05 0.65 0.00
NEG NORTH___PLATTSBURG 23628	43.78 0.32 0.00	34.89 0.25 0.00	29.61 0.08 0.00	30.24 0.06 0.00	30.74 0.06 0.00	31.09 0.08 0.00	47.23 0.35 0.00	45.67 0.47 0.00	34.71 0.48 0.00	30.84 0.24 0.00	30.60 0.19 0.00	30.37 0.03 0.00	30.79 0.02 0.00	29.63 0.01 0.00	32.18 -0.03 0.00	37.28 -0.03 0.00	44.26 0.07 0.00	50.43 0.19 0.00	53.95 0.51 0.00	48.83 0.75 0.00	48.61 0.82 0.00	47.71 0.69 0.00	43.29 0.61 0.00	41.06 0.65 0.00
NEG WEST_LEA_LOCKPORT 23791	41.45 -2.00 0.00	32.97 -1.68 0.00	28.09 -1.45 0.00	28.64 -1.55 0.00	29.08 -1.60 0.00	29.54 -1.46 0.00	44.81 -2.07 0.00	42.90 -2.31 0.00	32.47 -1.76 0.00	29.21 -1.39 0.00	28.86 -1.54 0.00	28.95 -1.40 0.00	29.50 -1.28 0.00	28.32 -1.30 0.00	30.82 -1.39 0.00	34.98 -2.33 0.00	41.91 -2.28 0.00	47.09 -3.14 0.00	50.39 -2.96 0.07	45.91 -2.15 0.03	45.01 -2.57 0.21	44.11 -2.75 0.17	40.33 -2.34 0.01	38.11 -2.30 0.00

NEG WEST___LANCASTR 23811	42.00 -1.45 0.00	33.38 -1.27 0.00	28.42 -1.12 0.00	28.98 -1.20 0.00	29.42 -1.26 0.00	29.88 -1.13 0.00	45.36 -1.51 0.00	43.46 -1.75 0.00	32.92 -1.31 0.00	29.64 -0.96 0.00	29.29 -1.11 0.00	29.41 -0.94 0.00	30.01 -0.77 0.00	28.82 -0.80 0.00	31.38 -0.83 0.00	35.73 -1.58 0.00	42.84 -1.36 0.00	48.20 -2.03 0.00	51.51 -1.85 0.07	46.71 -1.35 0.03	45.98 -1.61 0.20	45.03 -1.83 0.16	41.06 -1.61 0.01	38.71 -1.70 0.00
NEG_PENN_ALLEGHNY 23528	43.41 -0.04 0.00	34.54 -0.10 0.00	29.59 0.05 0.00	30.22 0.03 0.00	30.69 0.01 0.00	31.07 0.06 0.00	46.94 0.06 0.00	44.98 -0.23 0.00	33.95 -0.27 0.00	30.35 -0.25 0.00	30.11 -0.29 0.00	30.18 -0.16 0.00	30.72 -0.06 0.00	29.51 -0.11 0.00	32.11 -0.10 0.00	37.13 -0.18 0.00	44.28 0.09 0.00	50.16 -0.07 0.00	53.52 0.11 0.02	48.09 0.01 0.01	47.71 -0.07 0.01	46.92 -0.13 -0.03	42.54 -0.23 -0.09	40.22 -0.28 -0.09
NEG___GEN_MONROE 24207	42.83 -0.62 0.00	34.08 -0.57 0.00	29.00 -0.54 0.00	29.57 -0.61 0.00	30.06 -0.62 0.00	30.49 -0.51 0.00	46.28 -0.59 0.00	44.45 -0.76 0.00	33.47 -0.76 0.00	29.91 -0.69 0.00	29.61 -0.80 0.00	29.60 -0.75 0.00	30.12 -0.66 0.00	28.94 -0.68 0.00	31.48 -0.73 0.00	36.03 -1.28 0.00	43.08 -1.11 0.00	48.84 -1.39 0.00	52.47 -0.89 0.08	47.74 -0.32 0.03	46.91 -0.66 0.22	45.96 -0.88 0.18	41.82 -0.85 0.01	39.46 -0.94 0.00
NEPA___ENERGY 23901	42.22 -1.24 0.00	33.47 -1.17 0.00	28.59 -0.95 0.00	29.21 -0.98 0.00	29.66 -1.03 0.00	30.18 -0.82 0.00	45.82 -1.06 0.00	43.85 -1.36 0.00	33.17 -1.06 0.00	29.85 -0.75 0.00	29.37 -1.04 0.00	29.62 -0.72 0.00	30.30 -0.47 0.00	29.03 -0.59 0.00	31.57 -0.63 0.00	36.13 -1.18 0.00	43.45 -0.74 0.00	48.72 -1.51 0.00	52.02 -1.34 0.07	46.91 -1.15 0.02	46.22 -1.39 0.18	45.22 -1.65 0.15	40.96 -1.71 0.01	38.68 -1.73 0.00
NEVERSINK___HYD 23608	45.25 1.79 0.00	35.96 1.32 0.00	30.79 1.26 0.00	31.34 1.16 0.00	31.81 1.13 0.00	32.15 1.14 0.00	48.34 1.46 0.00	46.61 1.40 0.00	35.50 1.27 0.00	31.81 1.21 0.00	30.87 1.01 0.55	31.39 1.04 0.00	31.89 1.11 0.00	30.71 1.09 0.00	33.43 1.22 0.00	38.96 1.65 0.00	46.09 1.90 0.00	52.24 2.01 0.00	55.24 1.80 0.00	49.37 1.29 0.00	48.94 1.15 0.00	48.21 1.19 0.00	43.67 0.99 0.00	41.31 0.90 0.00
NEWKRMKL_115KV_TB1 55635	44.20 0.75 0.00	35.40 0.76 0.00	30.47 0.94 0.00	31.07 0.89 0.00	31.57 0.88 0.00	31.86 0.85 0.00	47.66 0.78 0.00	45.94 0.74 0.00	34.76 0.53 0.00	31.10 0.50 0.00	31.20 0.52 -0.27	30.84 0.50 0.00	31.22 0.44 0.00	30.09 0.47 0.00	32.74 0.53 0.00	38.06 0.75 0.00	44.91 0.72 0.00	51.23 1.00 0.00	54.30 0.86 0.00	48.69 0.61 0.00	48.57 0.78 0.00	47.84 0.82 0.00	43.44 0.76 0.00	41.08 0.68 0.00
NEWTON___FALLS_HYD 23847	43.90 0.45 0.00	35.27 0.63 0.00	29.98 0.44 0.00	30.64 0.46 0.00	31.16 0.48 0.00	31.58 0.57 0.00	47.95 1.07 0.00	46.26 1.05 0.00	34.68 0.45 0.00	30.71 0.11 0.00	30.37 -0.04 0.00	30.23 -0.11 0.00	30.54 -0.24 0.00	29.35 -0.28 0.00	31.69 -0.52 0.00	36.47 -0.84 0.00	43.24 -0.95 0.00	49.41 -0.82 0.00	53.28 -0.15 0.00	48.59 0.51 0.00	48.44 0.65 0.00	47.74 0.72 0.00	43.54 0.86 0.00	41.32 0.91 0.00
NGRID_A1_DSASP 323792	40.99 -2.47 0.00	32.62 -2.02 0.00	27.81 -1.72 0.00	28.37 -1.82 0.00	28.80 -1.88 0.00	29.23 -1.77 0.00	44.33 -2.55 0.00	42.43 -2.78 0.00	32.16 -2.07 0.00	29.02 -1.57 0.00	28.70 -1.71 0.00	28.80 -1.54 0.00	29.35 -1.42 0.00	28.19 -1.43 0.00	30.69 -1.52 0.00	34.80 -2.51 0.00	41.54 -2.65 0.00	46.47 -3.76 0.00	49.57 -3.79 0.07	45.10 -2.95 0.03	44.23 -3.35 0.21	43.36 -3.48 0.17	39.70 -2.97 0.01	37.64 -2.76 0.00
NGRID_A2_DSASP 323793	40.99 -2.47 0.00	32.62 -2.02 0.00	27.81 -1.72 0.00	28.37 -1.82 0.00	28.80 -1.88 0.00	29.23 -1.77 0.00	44.33 -2.55 0.00	42.43 -2.78 0.00	32.16 -2.07 0.00	29.02 -1.57 0.00	28.70 -1.71 0.00	28.80 -1.54 0.00	29.35 -1.42 0.00	28.19 -1.43 0.00	30.69 -1.52 0.00	34.80 -2.51 0.00	41.54 -2.65 0.00	46.47 -3.76 0.00	49.57 -3.79 0.07	45.10 -2.95 0.03	44.23 -3.35 0.21	43.36 -3.48 0.17	39.70 -2.97 0.01	37.64 -2.76 0.00
NGRID_A4_DSASP 323807	40.99 -2.47 0.00	32.62 -2.02 0.00	27.81 -1.72 0.00	28.37 -1.82 0.00	28.80 -1.88 0.00	29.23 -1.77 0.00	44.33 -2.55 0.00	42.43 -2.78 0.00	32.16 -2.07 0.00	29.02 -1.57 0.00	28.70 -1.71 0.00	28.80 -1.54 0.00	29.35 -1.42 0.00	28.19 -1.43 0.00	30.69 -1.52 0.00	34.80 -2.51 0.00	41.54 -2.65 0.00	46.47 -3.76 0.00	49.57 -3.79 0.07	45.10 -2.95 0.03	44.23 -3.35 0.21	43.36 -3.48 0.17	39.70 -2.97 0.01	37.64 -2.76 0.00
NIAGARA_115E_LBMP 323715	40.77 -2.69 0.00	32.43 -2.21 0.00	27.62 -1.92 0.00	28.18 -2.01 0.00	28.62 -2.06 0.00	29.08 -1.93 0.00	44.06 -2.81 0.00	42.16 -3.04 0.00	31.95 -2.28 0.00	28.79 -1.81 0.00	28.45 -1.95 0.00	28.54 -1.80 0.00	29.10 -1.68 0.00	27.93 -1.69 0.00	30.39 -1.82 0.00	34.46 -2.85 0.00	41.28 -2.91 0.00	46.32 -3.92 0.00	49.48 -3.88 0.07	45.06 -2.99 0.03	43.97 -3.43 0.39	43.03 -3.53 0.46	39.31 -3.00 0.37	37.15 -2.91 0.35
NIAGARA_115W_LBMP 323714	40.94 -2.52 0.00	32.59 -2.05 0.00	27.78 -1.75 0.00	28.34 -1.85 0.00	28.77 -1.91 0.00	29.20 -1.81 0.00	44.29 -2.59 0.00	42.39 -2.82 0.00	32.12 -2.10 0.00	28.99 -1.61 0.00	28.68 -1.73 0.00	28.76 -1.58 0.00	29.31 -1.46 0.00	28.16 -1.46 0.00	30.64 -1.57 0.00	34.76 -2.55 0.00	41.48 -2.71 0.00	46.38 -3.85 0.00	49.47 -3.89 0.07	45.01 -3.04 0.03	43.94 -3.45 0.40	43.01 -3.54 0.48	39.26 -3.02 0.39	37.22 -2.82 0.37
NIAGARA_230_LBMP 323716	41.10 -2.35 0.00	32.72 -1.92 0.00	27.90 -1.63 0.00	28.47 -1.71 0.00	28.91 -1.78 0.00	29.34 -1.66 0.00	44.48 -2.39 0.00	42.60 -2.61 0.00	32.26 -1.97 0.00	29.10 -1.51 0.00	28.78 -1.62 0.00	28.87 -1.48 0.00	29.42 -1.36 0.00	28.25 -1.37 0.00	30.73 -1.48 0.00	34.90 -2.41 0.00	41.76 -2.43 0.00	46.87 -3.36 0.00	50.00 -3.35 0.08	45.45 -2.61 0.03	44.40 -2.99 0.40	43.46 -3.08 0.48	39.65 -2.64 0.39	37.49 -2.54 0.37
NIAGARA___115KV_198_GIBSON 55903	40.94 -2.52 0.00	32.59 -2.05 0.00	27.78 -1.75 0.00	28.34 -1.85 0.00	28.77 -1.91 0.00	29.20 -1.80 0.00	44.28 -2.60 0.00	42.38 -2.83 0.00	32.13 -2.10 0.00	28.99 -1.61 0.00	28.67 -1.74 0.00	28.76 -1.58 0.00	29.31 -1.46 0.00	28.16 -1.47 0.00	30.63 -1.57 0.00	34.75 -2.56 0.00	41.48 -2.71 0.00	46.37 -3.86 0.00	49.48 -3.88 0.07	45.02 -3.04 0.03	44.14 -3.45 0.21	43.29 -3.56 0.17	39.62 -3.05 0.01	37.58 -2.83 0.00
NIAGARA____ 23760	41.10 -2.35 0.00	32.72 -1.92 0.00	27.90 -1.63 0.00	28.47 -1.71 0.00	28.91 -1.78 0.00	29.34 -1.66 0.00	44.48 -2.39 0.00	42.60 -2.61 0.00	32.26 -1.97 0.00	29.10 -1.51 0.00	28.78 -1.62 0.00	28.87 -1.48 0.00	29.42 -1.36 0.00	28.25 -1.37 0.00	30.73 -1.48 0.00	34.90 -2.41 0.00	41.76 -2.43 0.00	46.87 -3.36 0.00	50.00 -3.35 0.07	45.45 -2.61 0.03	44.41 -2.99 0.40	43.47 -3.08 0.47	39.66 -2.64 0.38	37.51 -2.54 0.36

NINE_MILE_1 23575	41.94 -1.51 0.00	33.45 -1.20 0.00	28.56 -0.97 0.00	29.20 -0.99 0.00	29.69 -0.99 0.00	29.99 -1.02 0.00	45.28 -1.60 0.00	43.62 -1.59 0.00	32.97 -1.26 0.00	29.46 -1.14 0.00	29.26 -1.15 0.00	29.23 -1.11 0.00	29.67 -1.11 0.00	28.56 -1.07 0.00	31.05 -1.16 0.00	35.90 -1.41 0.00	42.61 -1.59 0.00	48.41 -1.82 0.00	51.04 -1.81 0.58	46.28 -1.59 0.22	44.53 -1.62 1.64	44.03 -1.63 1.36	41.10 -1.52 0.06	38.95 -1.45 0.00
NINE_MILE_2 23744	41.95 -1.50 0.00	33.45 -1.20 0.00	28.57 -0.97 0.00	29.20 -0.99 0.00	29.70 -0.99 0.00	29.99 -1.02 0.00	45.28 -1.60 0.00	43.62 -1.58 0.00	32.97 -1.25 0.00	29.46 -1.14 0.00	29.26 -1.15 0.00	29.23 -1.11 0.00	29.67 -1.11 0.00	28.56 -1.07 0.00	31.05 -1.16 0.00	35.90 -1.41 0.00	42.61 -1.59 0.00	48.42 -1.81 0.00	51.03 -1.81 0.59	46.27 -1.59 0.23	44.51 -1.62 1.66	44.01 -1.63 1.38	41.11 -1.51 0.06	38.95 -1.45 0.00
NM_CAPITAL___DRP 24208	44.22 0.77 0.00	35.41 0.77 0.00	30.48 0.94 0.00	31.07 0.89 0.00	31.57 0.89 0.00	31.85 0.85 0.00	47.67 0.79 0.00	45.93 0.73 0.00	34.76 0.53 0.00	31.11 0.51 0.00	31.21 0.53 -0.27	30.84 0.50 0.00	31.22 0.44 0.00	30.09 0.47 0.00	32.73 0.52 0.00	38.02 0.71 0.00	44.86 0.67 0.00	51.17 0.94 0.00	54.21 0.78 0.00	48.63 0.55 0.00	48.55 0.76 0.00	47.83 0.81 0.00	43.44 0.76 0.00	41.11 0.70 0.00
NM_CENTRAL___DRP 24181	42.85 -0.61 0.00	34.14 -0.51 0.00	29.15 -0.38 0.00	29.78 -0.40 0.00	30.28 -0.41 0.00	30.61 -0.39 0.00	46.26 -0.62 0.00	44.53 -0.67 0.00	33.62 -0.61 0.00	30.02 -0.58 0.00	29.82 -0.59 0.00	29.81 -0.53 0.00	30.29 -0.49 0.00	29.14 -0.49 0.00	31.68 -0.53 0.00	36.63 -0.68 0.00	43.56 -0.63 0.00	49.55 -0.68 0.00	52.87 -0.53 0.03	47.61 -0.46 0.01	47.15 -0.56 0.08	46.32 -0.64 0.07	42.02 -0.65 0.00	39.72 -0.68 0.00
NM_FRONTIER___DRP 24179	40.94 -2.52 0.00	32.59 -2.05 0.00	27.78 -1.75 0.00	28.34 -1.85 0.00	28.77 -1.91 0.00	29.20 -1.80 0.00	44.28 -2.60 0.00	42.38 -2.83 0.00	32.13 -2.10 0.00	28.99 -1.61 0.00	28.67 -1.74 0.00	28.76 -1.58 0.00	29.31 -1.46 0.00	28.16 -1.47 0.00	30.63 -1.57 0.00	34.75 -2.56 0.00	41.48 -2.71 0.00	46.37 -3.86 0.00	49.48 -3.88 0.07	45.02 -3.04 0.03	44.14 -3.45 0.21	43.29 -3.56 0.17	39.62 -3.05 0.01	37.58 -2.83 0.00
NM_ST_REGIS___HYD 24053	43.65 0.19 0.00	34.77 0.12 0.00	29.52 -0.02 0.00	30.18 -0.01 0.00	30.69 0.01 0.00	31.04 0.03 0.00	47.21 0.33 0.00	45.69 0.48 0.00	34.63 0.40 0.00	30.79 0.19 0.00	30.57 0.17 0.00	30.33 -0.02 0.00	30.75 -0.02 0.00	29.54 -0.08 0.00	32.05 -0.16 0.00	37.08 -0.23 0.00	44.02 -0.17 0.00	50.20 -0.03 0.00	53.80 0.37 0.00	48.87 0.78 0.00	48.63 0.84 0.00	47.69 0.66 0.00	43.24 0.56 0.00	40.98 0.57 0.00
NORTHPORT___1 23551	45.98 2.53 0.00	36.52 1.88 0.00	31.55 2.01 0.00	32.08 1.90 0.00	32.50 1.82 0.00	32.83 1.82 0.00	49.04 2.16 0.00	47.09 1.89 0.00	35.97 1.74 0.00	34.13 2.01 -1.52	34.80 2.55 -1.85	32.74 2.39 0.00	33.19 2.42 0.00	31.75 2.13 0.00	34.65 2.44 0.00	46.36 3.39 -5.66	47.32 3.13 0.00	52.63 2.39 0.00	55.11 1.68 0.00	37.97 0.56 10.68	48.86 1.07 0.00	48.34 1.32 0.00	44.00 1.32 0.00	41.85 1.44 0.00
NORTHPORT___2 23552	45.98 2.53 0.00	36.52 1.88 0.00	31.55 2.01 0.00	32.08 1.90 0.00	32.50 1.82 0.00	32.83 1.82 0.00	49.04 2.16 0.00	47.09 1.89 0.00	35.97 1.74 0.00	34.13 2.01 -1.52	34.80 2.55 -1.85	32.74 2.39 0.00	33.19 2.42 0.00	31.75 2.13 0.00	34.65 2.44 0.00	46.36 3.39 -5.66	47.32 3.13 0.00	52.63 2.39 0.00	55.11 1.68 0.00	37.97 0.56 10.68	48.86 1.07 0.00	48.34 1.32 0.00	44.00 1.32 0.00	41.85 1.44 0.00
NORTHPORT___3 23553	46.01 2.55 0.00	36.54 1.90 0.00	31.53 2.00 0.00	32.07 1.89 0.00	32.49 1.81 0.00	32.81 1.80 0.00	49.04 2.16 0.00	47.11 1.91 0.00	35.99 1.77 0.00	34.15 2.03 -1.52	34.80 2.55 -1.85	32.74 2.40 0.00	33.21 2.43 0.00	31.77 2.15 0.00	34.68 2.47 0.00	46.39 3.42 -5.66	47.34 3.15 0.00	52.68 2.45 0.00	55.14 1.71 0.00	38.05 0.62 10.66	48.89 1.10 0.00	48.36 1.34 0.00	44.02 1.33 0.00	41.85 1.45 0.00
NORTHPORT___4 23650	46.01 2.55 0.00	36.54 1.90 0.00	31.53 2.00 0.00	32.07 1.89 0.00	32.49 1.81 0.00	32.81 1.80 0.00	49.04 2.16 0.00	47.11 1.91 0.00	35.99 1.77 0.00	34.15 2.03 -1.52	34.80 2.55 -1.85	32.74 2.40 0.00	33.21 2.43 0.00	31.77 2.15 0.00	34.68 2.47 0.00	46.39 3.42 -5.66	47.34 3.15 0.00	52.68 2.45 0.00	55.14 1.71 0.00	38.05 0.62 10.66	48.89 1.10 0.00	48.36 1.34 0.00	44.02 1.33 0.00	41.85 1.45 0.00
NORTHPORT___IC 23718	45.98 2.53 0.00	36.52 1.88 0.00	31.55 2.01 0.00	32.08 1.90 0.00	32.50 1.82 0.00	32.83 1.83 0.00	49.04 2.16 0.00	47.09 1.89 0.00	35.96 1.74 0.00	34.13 2.01 -1.52	34.81 2.55 -1.85	32.74 2.39 0.00	33.20 2.42 0.00	31.75 2.13 0.00	34.65 2.44 0.00	46.37 3.40 -5.66	47.32 3.13 0.00	52.62 2.39 0.00	55.10 1.67 0.00	38.00 0.59 10.68	48.87 1.08 0.00	48.34 1.32 0.00	44.00 1.33 0.00	41.85 1.44 0.00
NORTH___COUNTRY_ESR 323785	43.23 -0.23 0.00	34.43 -0.21 0.00	29.20 -0.34 0.00	29.85 -0.33 0.00	30.34 -0.34 0.00	30.67 -0.33 0.00	46.68 -0.20 0.00	45.17 -0.04 0.00	34.32 0.10 0.00	30.57 -0.03 0.00	30.34 -0.07 0.00	30.16 -0.19 0.00	30.56 -0.22 0.00	29.37 -0.25 0.00	31.87 -0.34 0.00	36.89 -0.43 0.00	43.78 -0.41 0.00	49.90 -0.33 0.00	53.28 -0.15 0.00	48.17 0.09 0.00	47.92 0.13 0.00	47.05 0.02 0.00	42.73 0.05 0.00	40.53 0.12 0.00
NPX_GEN_1385_PROXY 323591	45.24 1.79 0.00	36.14 1.50 0.00	31.42 1.88 0.00	31.95 1.76 0.00	32.37 1.69 0.00	32.75 1.74 0.00	48.61 1.73 0.00	45.77 1.17 0.60	35.18 1.31 0.36	32.99 1.48 -0.91	33.97 1.72 -1.85	31.94 1.59 0.00	8.25 1.52 24.04	9.71 1.27 21.18	32.49 1.51 1.23	15.53 2.34 24.12	46.56 2.38 0.00	51.95 1.72 0.00	55.05 1.62 0.00	37.76 0.35 10.68	48.52 0.73 0.00	48.06 1.04 0.00	43.73 1.05 0.00	41.56 1.16 0.00
NPX_GEN_CSC 323557	45.96 2.50 0.00	36.37 1.72 0.00	31.94 2.40 0.00	32.72 2.53 0.00	33.16 2.48 0.00	33.50 2.49 0.00	49.72 2.83 0.00	47.24 2.64 0.60	36.13 2.26 0.36	34.06 2.55 -0.91	184.09 3.50 -150.19	33.26 2.92 0.00	33.74 2.96 0.00	32.02 2.40 0.00	34.75 2.55 0.00	47.03 4.06 -5.66	48.31 4.12 0.00	53.70 3.47 0.00	56.26 2.83 0.00	38.41 0.84 10.51	49.82 2.03 0.00	48.72 1.70 0.00	44.01 1.33 0.00	41.66 1.26 0.00
NSINS_S_GLNS_FALLS 23858	45.41 1.95 0.00	36.14 1.50 0.00	31.09 1.55 0.00	31.69 1.50 0.00	32.21 1.53 0.00	32.56 1.55 0.00	49.04 2.16 0.00	47.10 1.90 0.00	35.18 0.95 0.00	31.17 0.57 0.00	30.83 0.43 0.00	30.68 0.33 0.00	30.87 0.09 0.00	29.78 0.15 0.00	32.49 0.28 0.00	37.96 0.65 0.00	45.23 1.04 0.00	52.08 1.85 0.00	55.50 2.07 0.00	49.86 1.78 0.00	49.85 2.06 0.00	49.13 2.10 0.00	44.59 1.91 0.00	42.14 1.74 0.00

NUCOR_STEEL____DRP 24197	43.38 -0.07 0.00	34.55 -0.09 0.00	29.54 0.00 0.00	30.20 0.02 0.00	30.66 -0.03 0.00	31.05 0.04 0.00	46.91 0.03 0.00	45.14 -0.06 0.00	33.96 -0.26 0.00	30.23 -0.37 0.00	30.01 -0.40 0.00	30.01 -0.34 0.00	30.35 -0.42 0.00	29.19 -0.43 0.00	31.86 -0.35 0.00	36.79 -0.52 0.00	43.77 -0.42 0.00	49.82 -0.42 0.00	53.48 0.05 0.00	48.10 0.01 0.00	47.89 0.10 0.00	47.06 0.04 0.00	42.42 -0.26 0.00	40.23 -0.18 0.00
NUMBER_THREE_WT_PWR 323818	44.14 0.69 0.00	35.67 1.03 0.00	30.42 0.88 0.00	31.06 0.87 0.00	31.58 0.90 0.00	32.03 1.03 0.00	48.52 1.64 0.00	46.73 1.53 0.00	34.87 0.64 0.00	30.80 0.20 0.00	30.42 0.01 0.00	30.29 -0.05 0.00	30.55 -0.22 0.00	29.41 -0.21 0.00	31.85 -0.36 0.00	36.81 -0.50 0.00	43.84 -0.35 0.00	50.36 0.13 0.00	54.54 1.11 0.00	49.71 1.63 0.00	49.50 1.71 0.00	48.67 1.64 0.00	44.15 1.47 0.00	41.74 1.34 0.00
NYISO_LBMP_REFERENCE 24008	43.45 0.00 0.00	34.64 0.00 0.00	29.54 0.00 0.00	30.19 0.00 0.00	30.68 0.00 0.00	31.01 0.00 0.00	46.88 0.00 0.00	45.21 0.00 0.00	34.23 0.00 0.00	30.60 0.00 0.00	30.41 0.00 0.00	30.34 0.00 0.00	30.78 0.00 0.00	29.62 0.00 0.00	32.21 0.00 0.00	37.31 0.00 0.00	44.19 0.00 0.00	50.23 0.00 0.00	53.43 0.00 0.00	48.09 0.00 0.00	47.79 0.00 0.00	47.02 0.00 0.00	42.68 0.00 0.00	40.40 0.00 0.00
NYPA_BRENTWD____GT 24164	46.68 3.23 0.00	37.03 2.39 0.00	32.00 2.47 0.00	32.55 2.37 0.00	32.97 2.29 0.00	33.30 2.29 0.00	49.75 2.87 0.00	47.84 2.63 0.00	36.55 2.32 0.00	34.65 2.53 -1.52	37.10 3.07 -3.62	33.24 2.90 0.00	33.70 2.92 0.00	32.19 2.57 0.00	35.15 2.94 0.00	47.03 4.06 -5.66	48.23 4.04 0.00	53.73 3.50 0.00	56.21 2.78 0.00	39.17 1.39 10.30	49.88 2.09 0.00	49.21 2.19 0.00	44.68 2.00 0.00	42.40 2.00 0.00
NYPA_GOWANUS____GT5 24156	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.23 0.00	56.08 2.64 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NYPA_GOWANUS____GT6 24157	46.25 2.79 0.00	36.82 2.17 0.00	31.56 2.02 0.00	32.02 1.84 0.00	32.47 1.79 0.00	32.83 1.82 0.00	49.17 2.29 0.00	47.53 2.32 0.00	36.40 2.17 0.00	32.80 2.20 0.00	34.59 2.31 -1.87	32.74 2.39 0.00	33.33 2.52 -0.03	31.97 2.35 0.00	34.87 2.67 0.00	40.67 3.36 0.00	47.75 3.56 0.00	53.46 3.23 0.00	56.08 2.64 0.00	50.18 2.09 0.00	49.89 2.10 0.00	49.42 2.40 0.00	44.84 2.16 0.00	42.46 2.06 0.00
NYPA_HARLEM__RVR__GT1 24160	46.06 2.61 0.00	36.75 2.11 0.00	31.52 1.98 0.00	31.95 1.77 0.00	32.42 1.74 0.00	32.80 1.79 0.00	48.99 2.12 0.00	47.37 2.16 0.00	36.33 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.67 2.33 0.00	33.22 2.41 -0.03	31.88 2.26 0.00	34.81 2.60 0.00	40.67 3.36 0.00	47.62 3.43 0.00	53.26 3.03 0.00	55.82 2.39 0.00	49.81 1.74 0.01	49.55 1.77 0.02	49.11 2.09 0.00	44.58 1.90 0.00	42.27 1.86 0.00
NYPA_HARLEM__RVR__GT2 24161	46.06 2.61 0.00	36.75 2.11 0.00	31.52 1.98 0.00	31.95 1.77 0.00	32.42 1.74 0.00	32.80 1.79 0.00	48.99 2.12 0.00	47.37 2.16 0.00	36.33 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.67 2.33 0.00	33.22 2.41 -0.03	31.88 2.26 0.00	34.81 2.60 0.00	40.67 3.36 0.00	47.62 3.43 0.00	53.26 3.03 0.00	55.82 2.39 0.00	49.81 1.74 0.01	49.55 1.77 0.02	49.11 2.09 0.00	44.58 1.90 0.00	42.27 1.86 0.00
NYPA_KENT____GT 24152	46.24 2.79 0.00	36.83 2.19 0.00	31.57 2.03 0.00	32.03 1.85 0.00	32.48 1.80 0.00	32.84 1.84 0.00	49.20 2.32 0.00	47.53 2.32 0.00	36.42 2.19 0.00	32.83 2.23 0.00	34.63 2.35 -1.87	32.78 2.43 0.00	33.36 2.55 -0.03	32.00 2.38 0.00	34.90 2.69 0.00	40.71 3.39 0.00	47.78 3.59 0.00	53.48 3.25 0.00	56.11 2.68 0.00	50.12 2.04 0.00	49.85 2.06 0.00	49.40 2.38 0.00	44.80 2.12 0.00	42.43 2.03 0.00
NYPA_POUCH1____GT 24155	46.21 2.75 0.00	36.81 2.17 0.00	31.54 2.00 0.00	32.01 1.83 0.00	32.46 1.78 0.00	32.83 1.82 0.00	49.16 2.28 0.00	47.52 2.31 0.00	36.37 2.14 0.00	32.74 2.15 0.00	34.50 2.23 -1.87	32.65 2.31 0.00	33.23 2.42 -0.03	31.88 2.26 0.00	34.78 2.57 0.00	40.56 3.25 0.00	47.62 3.43 0.00	53.30 3.08 0.00	55.92 2.48 0.00	50.06 1.98 0.00	49.82 2.03 0.00	49.37 2.35 0.00	44.79 2.11 0.00	42.41 2.00 0.00
NYPA_VERNON____GT2 24162	46.25 2.80 0.00	36.84 2.19 0.00	31.59 2.05 0.00	32.06 1.88 0.00	32.50 1.82 0.00	32.86 1.85 0.00	49.21 2.33 0.00	47.53 2.33 0.00	36.43 2.21 0.00	32.87 2.27 0.00	34.66 2.39 -1.87	32.81 2.47 0.00	33.39 2.59 -0.03	32.02 2.40 0.00	34.93 2.72 0.00	40.75 3.44 0.00	47.81 3.62 0.00	53.51 3.28 0.00	56.13 2.70 0.00	50.12 2.03 0.00	49.83 2.04 0.00	49.38 2.36 0.00	44.75 2.07 0.00	42.39 1.99 0.00
NYPA_VERNON____GT3 24163	46.25 2.80 0.00	36.84 2.19 0.00	31.59 2.05 0.00	32.06 1.88 0.00	32.50 1.82 0.00	32.86 1.85 0.00	49.21 2.33 0.00	47.53 2.33 0.00	36.43 2.21 0.00	32.87 2.27 0.00	34.66 2.39 -1.87	32.81 2.47 0.00	33.39 2.59 -0.03	32.02 2.40 0.00	34.93 2.72 0.00	40.75 3.44 0.00	47.81 3.62 0.00	53.51 3.28 0.00	56.13 2.70 0.00	50.12 2.03 0.00	49.83 2.04 0.00	49.38 2.36 0.00	44.75 2.07 0.00	42.39 1.99 0.00
NYPA__ASTORIA_CC1 323568	46.03 2.58 0.00	36.71 2.07 0.00	31.49 1.95 0.00	31.94 1.76 0.00	32.39 1.71 0.00	32.75 1.74 0.00	49.02 2.14 0.00	47.35 2.15 0.00	36.32 2.09 0.00	32.75 2.15 0.00	34.55 2.27 -1.87	32.71 2.36 0.00	33.26 2.45 -0.03	31.90 2.28 0.00	34.81 2.60 0.00	40.61 3.30 0.00	47.61 3.42 0.00	53.26 3.04 0.00	51.27 2.43 4.60	49.89 1.81 0.00	49.63 1.83 0.00	49.18 2.16 0.00	44.63 1.95 0.00	42.32 1.92 0.00
NYPA__ASTORIA_CC2 323569	46.03 2.58 0.00	36.71 2.07 0.00	31.49 1.95 0.00	31.94 1.76 0.00	32.39 1.71 0.00	32.75 1.74 0.00	49.02 2.14 0.00	47.35 2.15 0.00	36.32 2.09 0.00	32.75 2.15 0.00	34.55 2.27 -1.87	32.71 2.36 0.00	33.26 2.45 -0.03	31.90 2.28 0.00	34.81 2.60 0.00	40.61 3.30 0.00	47.61 3.42 0.00	53.26 3.04 0.00	51.27 2.43 4.60	49.89 1.81 0.00	49.63 1.83 0.00	49.18 2.16 0.00	44.63 1.95 0.00	42.32 1.92 0.00
NYPA__HOLTSVILL 23794	46.20 2.75 0.00	36.67 2.03 0.00	31.83 2.30 0.00	32.44 2.25 0.00	32.87 2.19 0.00	33.20 2.20 0.00	49.49 2.62 0.00	47.59 2.38 0.00	36.31 2.08 0.00	34.47 2.35 -1.52	55.20 2.98 -21.81	33.06 2.72 0.00	33.52 2.74 0.00	31.97 2.35 0.00	34.85 2.65 0.00	46.78 3.81 -5.66	47.91 3.72 0.00	53.25 3.02 0.00	55.82 2.38 0.00	38.56 1.00 10.53	49.48 1.69 0.00	48.75 1.73 0.00	44.21 1.53 0.00	41.96 1.55 0.00

NYPA_____HELLGATE_GT1 24158	46.06 2.61 0.00	36.75 2.11 0.00	31.52 1.98 0.00	31.95 1.77 0.00	32.42 1.74 0.00	32.80 1.79 0.00	48.99 2.12 0.00	47.37 2.16 0.00	36.33 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.67 2.33 0.00	33.22 2.41 -0.03	31.88 2.26 0.00	34.81 2.60 0.00	40.67 3.36 0.00	47.62 3.43 0.00	53.29 3.06 0.00	55.87 2.44 0.00	49.85 1.77 0.00	49.61 1.82 0.00	49.14 2.11 0.00	44.58 1.90 0.00	42.27 1.86 0.00
NYPA_____HELLGATE_GT2 24159	46.06 2.61 0.00	36.75 2.11 0.00	31.52 1.98 0.00	31.95 1.77 0.00	32.42 1.74 0.00	32.80 1.79 0.00	48.99 2.12 0.00	47.37 2.16 0.00	36.33 2.10 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.67 2.33 0.00	33.22 2.41 -0.03	31.88 2.26 0.00	34.81 2.60 0.00	40.67 3.36 0.00	47.62 3.43 0.00	53.29 3.06 0.00	55.87 2.44 0.00	49.85 1.77 0.00	49.61 1.82 0.00	49.14 2.11 0.00	44.58 1.90 0.00	42.27 1.86 0.00
NYS_BARGE___HYD 23848	41.45 -2.01 0.00	32.95 -1.69 0.00	28.07 -1.47 0.00	28.64 -1.55 0.00	29.07 -1.61 0.00	29.54 -1.47 0.00	44.81 -2.07 0.00	42.90 -2.30 0.00	32.45 -1.78 0.00	29.19 -1.41 0.00	28.84 -1.56 0.00	28.92 -1.42 0.00	29.47 -1.31 0.00	28.30 -1.32 0.00	30.79 -1.41 0.00	34.96 -2.35 0.00	41.87 -2.32 0.00	47.06 -3.17 0.00	50.37 -2.99 0.07	45.91 -2.14 0.03	44.84 -2.58 0.37	43.86 -2.72 0.44	40.01 -2.33 0.34	37.79 -2.30 0.32
OAK ORCHARD___HYD 24046	42.54 -0.91 0.00	33.83 -0.81 0.00	28.83 -0.71 0.00	29.42 -0.77 0.00	29.89 -0.79 0.00	30.31 -0.70 0.00	45.96 -0.91 0.00	44.16 -1.05 0.00	33.33 -0.90 0.00	29.88 -0.73 0.00	29.63 -0.78 0.00	29.65 -0.69 0.00	30.17 -0.61 0.00	29.00 -0.62 0.00	31.54 -0.67 0.00	36.14 -1.17 0.00	43.18 -1.01 0.00	48.90 -1.33 0.00	52.31 -1.04 0.08	47.40 -0.65 0.03	46.51 -0.97 0.31	45.54 -1.15 0.33	41.41 -1.08 0.19	39.08 -1.15 0.17
OAKDALE__35_KV_LOAD 356122	43.30 -0.15 0.00	34.45 -0.19 0.00	29.50 -0.04 0.00	30.14 -0.05 0.00	30.61 -0.07 0.00	30.98 -0.03 0.00	46.78 -0.10 0.00	44.84 -0.37 0.00	33.87 -0.36 0.00	30.30 -0.30 0.00	30.08 -0.32 0.00	30.15 -0.19 0.00	30.67 -0.11 0.00	29.47 -0.15 0.00	32.06 -0.15 0.00	37.08 -0.23 0.00	44.19 0.00 0.00	50.02 -0.21 0.00	53.35 -0.07 0.02	47.92 -0.15 0.01	47.52 -0.21 0.06	46.71 -0.26 0.05	42.33 -0.34 0.00	40.04 -0.37 0.00
OCC_CHEM___DRP 24175	40.99 -2.47 0.00	32.62 -2.02 0.00	27.81 -1.72 0.00	28.37 -1.82 0.00	28.80 -1.88 0.00	29.23 -1.77 0.00	44.33 -2.55 0.00	42.43 -2.78 0.00	32.16 -2.07 0.00	29.02 -1.57 0.00	28.70 -1.71 0.00	28.80 -1.54 0.00	29.35 -1.42 0.00	28.19 -1.43 0.00	30.69 -1.52 0.00	34.80 -2.51 0.00	41.54 -2.65 0.00	46.47 -3.76 0.00	49.57 -3.79 0.07	45.10 -2.95 0.03	44.23 -3.35 0.21	43.36 -3.48 0.17	39.70 -2.97 0.01	37.64 -2.76 0.00
OH_GEN_PROXY 24063	41.15 -2.31 0.00	32.76 -1.89 0.00	27.93 -1.60 0.00	28.50 -1.68 0.00	28.95 -1.74 0.00	29.38 -1.63 0.00	44.54 -2.34 0.00	42.08 -2.52 0.60	31.95 -1.91 0.36	28.54 -1.45 0.61	28.83 -1.57 0.00	28.92 -1.42 0.00	29.47 -1.30 0.00	28.29 -1.33 0.00	30.79 -1.42 0.00	35.00 -2.31 0.00	41.88 -2.31 0.00	47.01 -3.22 0.00	50.15 -3.21 0.07	45.56 -2.50 0.03	44.50 -2.88 0.42	43.54 -2.97 0.51	39.66 -2.59 0.43	37.50 -2.50 0.41
OLIN_CORP_DRP 24177	40.83 -2.62 0.00	32.48 -2.16 0.00	27.67 -1.87 0.00	28.23 -1.96 0.00	28.67 -2.01 0.00	29.13 -1.88 0.00	44.12 -2.76 0.00	42.22 -2.98 0.00	32.00 -2.23 0.00	28.83 -1.77 0.00	28.50 -1.90 0.00	28.59 -1.75 0.00	29.15 -1.63 0.00	27.99 -1.63 0.00	30.46 -1.75 0.00	34.53 -2.78 0.00	41.37 -2.82 0.00	46.42 -3.81 0.00	49.59 -3.77 0.07	45.16 -2.90 0.03	44.25 -3.34 0.21	43.39 -3.46 0.17	39.73 -2.94 0.01	37.56 -2.85 0.00
OLIN_CORP_DSASP 323712	40.99 -2.47 0.00	32.62 -2.02 0.00	27.81 -1.72 0.00	28.37 -1.82 0.00	28.80 -1.88 0.00	29.23 -1.77 0.00	44.33 -2.55 0.00	42.43 -2.78 0.00	32.16 -2.07 0.00	29.02 -1.57 0.00	28.70 -1.71 0.00	28.80 -1.54 0.00	29.35 -1.42 0.00	28.19 -1.43 0.00	30.69 -1.52 0.00	34.80 -2.51 0.00	41.54 -2.65 0.00	46.47 -3.76 0.00	49.57 -3.79 0.07	45.10 -2.95 0.03	44.23 -3.35 0.21	43.36 -3.48 0.17	39.70 -2.97 0.01	37.64 -2.76 0.00
ONEIDA_____HERK_LFGE 323681	44.27 0.82 0.00	35.51 0.86 0.00	30.30 0.76 0.00	30.93 0.75 0.00	31.45 0.77 0.00	31.85 0.84 0.00	48.20 1.32 0.00	46.39 1.18 0.00	34.78 0.54 0.00	30.84 0.24 0.00	30.55 0.14 0.00	30.48 0.14 0.00	30.85 0.07 0.00	29.68 0.06 0.00	32.22 0.01 0.00	37.31 0.00 0.00	44.38 0.19 0.00	50.83 0.59 0.00	54.70 1.27 0.00	49.48 1.40 0.00	49.20 1.41 0.00	48.36 1.34 0.00	43.83 1.16 0.00	41.42 1.01 0.00
ONEIDA_____115KV_TB4 55905	44.36 0.91 0.00	35.41 0.77 0.00	30.23 0.69 0.00	30.86 0.68 0.00	31.38 0.70 0.00	31.78 0.77 0.00	48.08 1.20 0.00	46.24 1.04 0.00	34.66 0.43 0.00	30.75 0.15 0.00	30.49 0.09 0.00	30.50 0.16 0.00	30.94 0.16 0.00	29.74 0.12 0.00	32.34 0.13 0.00	37.46 0.15 0.00	44.57 0.38 0.00	50.94 0.71 0.00	54.75 1.34 0.02	49.43 1.35 0.01	49.08 1.33 0.04	48.21 1.22 0.04	43.67 0.99 0.00	41.23 0.82 0.00
ONONDAGA_REF_OCCRA 23987	43.10 -0.35 0.00	34.34 -0.30 0.00	29.33 -0.21 0.00	29.97 -0.22 0.00	30.46 -0.22 0.00	30.80 -0.21 0.00	46.55 -0.33 0.00	44.81 -0.40 0.00	33.78 -0.44 0.00	30.13 -0.47 0.00	29.92 -0.49 0.00	29.92 -0.42 0.00	30.39 -0.39 0.00	29.23 -0.39 0.00	31.80 -0.41 0.00	36.77 -0.54 0.00	43.75 -0.44 0.00	49.79 -0.44 0.00	53.20 -0.22 0.02	47.93 -0.14 0.01	47.50 -0.24 0.05	46.67 -0.31 0.05	42.29 -0.39 0.00	39.98 -0.43 0.00
ONONDAGA___COGEN 23986	43.12 -0.33 0.00	34.34 -0.30 0.00	29.35 -0.19 0.00	29.99 -0.19 0.00	30.49 -0.19 0.00	30.83 -0.18 0.00	46.58 -0.30 0.00	44.85 -0.36 0.00	33.79 -0.44 0.00	30.11 -0.49 0.00	29.89 -0.52 0.00	29.89 -0.45 0.00	30.35 -0.43 0.00	29.19 -0.43 0.00	31.76 -0.44 0.00	36.73 -0.58 0.00	43.71 -0.48 0.00	49.79 -0.44 0.00	53.25 -0.20 -0.01	47.93 -0.16 0.00	47.60 -0.23 -0.03	46.75 -0.31 -0.03	42.29 -0.39 0.00	40.00 -0.41 0.00
ONTARIO_____LFGE 23819	43.26 -0.20 0.00	34.45 -0.19 0.00	29.43 -0.11 0.00	30.05 -0.14 0.00	30.50 -0.18 0.00	30.95 -0.06 0.00	46.83 -0.05 0.00	44.97 -0.24 0.00	33.82 -0.41 0.00	30.05 -0.55 0.00	29.74 -0.67 0.00	29.82 -0.53 0.00	30.27 -0.51 0.00	29.12 -0.50 0.00	31.67 -0.53 0.00	36.48 -0.83 0.00	43.56 -0.63 0.00	49.49 -0.74 0.00	52.99 -0.40 0.05	48.22 0.15 0.02	47.67 0.01 0.13	46.74 -0.18 0.11	42.37 -0.31 0.00	39.98 -0.43 0.00
ORANGEVILLE_WT_PWR 323706	42.23 -1.22 0.00	33.56 -1.08 0.00	28.65 -0.89 0.00	29.24 -0.94 0.00	29.67 -1.02 0.00	30.11 -0.90 0.00	45.69 -1.19 0.00	43.72 -1.48 0.00	32.85 -1.38 0.00	29.42 -1.18 0.00	29.02 -1.38 0.00	29.09 -1.26 0.00	29.54 -1.24 0.00	28.39 -1.23 0.00	30.97 -1.24 0.00	35.43 -1.88 0.00	42.48 -1.71 0.00	47.99 -2.24 0.00	51.60 -1.77 0.06	46.92 -1.14 0.02	46.15 -1.41 0.22	45.20 -1.59 0.23	41.05 -1.51 0.11	38.66 -1.64 0.10

ORANGEVILLE___ESR 323794	42.23 -1.22 0.00	33.56 -1.08 0.00	28.65 -0.89 0.00	29.24 -0.94 0.00	29.67 -1.02 0.00	30.11 -0.90 0.00	45.69 -1.19 0.00	43.72 -1.48 0.00	32.85 -1.38 0.00	29.42 -1.18 0.00	29.02 -1.38 0.00	29.09 -1.26 0.00	29.54 -1.24 0.00	28.39 -1.23 0.00	30.97 -1.24 0.00	35.43 -1.88 0.00	42.48 -1.71 0.00	47.99 -2.24 0.00	51.60 -1.77 0.06	46.92 -1.14 0.02	46.15 -1.41 0.22	45.20 -1.59 0.23	41.05 -1.51 0.11	38.66 -1.64 0.10
OSWEGATCHIE___HYD 24044	43.90 0.45 0.00	35.27 0.63 0.00	29.98 0.44 0.00	30.64 0.46 0.00	31.16 0.48 0.00	31.58 0.57 0.00	47.95 1.07 0.00	46.25 1.05 0.00	34.67 0.45 0.00	30.71 0.11 0.00	30.37 -0.04 0.00	30.23 -0.11 0.00	30.54 -0.24 0.00	29.34 -0.28 0.00	31.69 -0.52 0.00	36.47 -0.84 0.00	43.24 -0.95 0.00	49.41 -0.82 0.00	53.28 -0.15 0.00	48.59 0.51 0.00	48.44 0.65 0.00	47.74 0.72 0.00	43.54 0.86 0.00	41.32 0.92 0.00
OSWEGO___5 23606	42.29 -1.17 0.00	33.71 -0.93 0.00	28.79 -0.75 0.00	29.42 -0.77 0.00	29.91 -0.77 0.00	30.22 -0.78 0.00	45.64 -1.24 0.00	43.96 -1.24 0.00	33.22 -1.01 0.00	29.67 -0.93 0.00	29.46 -0.95 0.00	29.44 -0.91 0.00	29.89 -0.89 0.00	28.76 -0.86 0.00	31.28 -0.93 0.00	36.16 -1.15 0.00	42.93 -1.26 0.00	48.79 -1.44 0.00	52.28 -1.39 -0.23	46.98 -1.20 -0.09	47.20 -1.24 -0.66	46.30 -1.27 -0.55	41.51 -1.19 -0.02	39.24 -1.17 0.00
OSWEGO___6 23613	42.29 -1.17 0.00	33.71 -0.93 0.00	28.79 -0.75 0.00	29.42 -0.77 0.00	29.91 -0.77 0.00	30.22 -0.78 0.00	45.64 -1.24 0.00	43.96 -1.24 0.00	33.22 -1.01 0.00	29.67 -0.93 0.00	29.46 -0.95 0.00	29.44 -0.91 0.00	29.89 -0.89 0.00	28.76 -0.86 0.00	31.28 -0.93 0.00	36.16 -1.15 0.00	42.93 -1.26 0.00	48.79 -1.44 0.00	52.28 -1.39 -0.23	46.98 -1.20 -0.09	47.20 -1.24 -0.66	46.30 -1.27 -0.55	41.51 -1.19 -0.02	39.24 -1.17 0.00
OUTOKUMPU-AB___DRP 24206	41.82 -1.63 0.00	33.24 -1.40 0.00	28.33 -1.21 0.00	28.89 -1.30 0.00	29.31 -1.37 0.00	29.79 -1.22 0.00	45.17 -1.71 0.00	43.28 -1.92 0.00	32.79 -1.44 0.00	29.54 -1.06 0.00	29.19 -1.22 0.00	29.29 -1.06 0.00	29.85 -0.92 0.00	28.69 -0.93 0.00	31.23 -0.98 0.00	35.46 -1.85 0.00	42.44 -1.75 0.00	47.65 -2.58 0.00	50.93 -2.43 0.07	46.31 -1.75 0.03	45.40 -2.19 0.20	44.47 -2.38 0.17	40.63 -2.05 0.01	38.39 -2.02 0.00
OXBOW___BTM 323836	41.36 -2.09 0.00	32.90 -1.74 0.00	28.03 -1.51 0.00	28.59 -1.59 0.00	29.02 -1.66 0.00	29.48 -1.53 0.00	44.71 -2.17 0.00	42.82 -2.38 0.00	32.44 -1.79 0.00	29.25 -1.35 0.00	28.92 -1.49 0.00	29.02 -1.33 0.00	29.58 -1.20 0.00	28.41 -1.21 0.00	30.93 -1.28 0.00	35.11 -2.20 0.00	41.96 -2.23 0.00	47.04 -3.19 0.00	50.23 -3.13 0.07	45.68 -2.37 0.03	44.58 -2.82 0.39	43.62 -2.93 0.47	39.77 -2.52 0.38	37.63 -2.42 0.36
OXBOW___ 24026	41.37 -2.09 0.00	32.90 -1.74 0.00	28.03 -1.51 0.00	28.59 -1.59 0.00	29.02 -1.66 0.00	29.47 -1.53 0.00	44.70 -2.18 0.00	42.81 -2.39 0.00	32.44 -1.79 0.00	29.25 -1.35 0.00	28.92 -1.49 0.00	29.01 -1.33 0.00	29.58 -1.20 0.00	28.41 -1.21 0.00	30.93 -1.27 0.00	35.11 -2.20 0.00	41.96 -2.23 0.00	47.04 -3.19 0.00	50.23 -3.13 0.07	45.68 -2.37 0.03	44.77 -2.81 0.21	43.88 -2.97 0.17	40.13 -2.55 0.01	37.97 -2.43 0.00
OXY_CHEM_DSASP 323612	40.99 -2.47 0.00	32.62 -2.02 0.00	27.81 -1.72 0.00	28.37 -1.82 0.00	28.80 -1.88 0.00	29.23 -1.77 0.00	44.33 -2.55 0.00	42.43 -2.78 0.00	32.16 -2.07 0.00	29.02 -1.57 0.00	28.70 -1.71 0.00	28.80 -1.54 0.00	29.35 -1.42 0.00	28.19 -1.43 0.00	30.69 -1.52 0.00	34.80 -2.51 0.00	41.54 -2.65 0.00	46.47 -3.76 0.00	49.57 -3.79 0.07	45.10 -2.95 0.03	44.23 -3.35 0.21	43.36 -3.48 0.17	39.70 -2.97 0.01	37.64 -2.76 0.00
OZONE_PARK_ESR 323760	46.80 3.34 0.00	37.22 2.57 0.00	31.88 2.34 0.00	32.35 2.17 0.00	32.80 2.12 0.00	33.15 2.14 0.00	49.72 2.84 0.00	48.01 2.80 0.00	36.75 2.52 0.00	33.14 2.54 0.00	34.93 2.66 -1.87	33.08 2.74 0.00	33.68 2.87 -0.03	32.28 2.66 0.00	35.20 2.99 0.00	41.06 3.75 0.00	48.25 4.06 0.00	54.12 3.89 0.00	56.82 3.38 0.00	50.68 2.59 0.00	50.39 2.60 0.00	49.92 2.90 0.00	45.25 2.58 0.00	42.84 2.43 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.99 -2.47 0.00	32.62 -2.02 0.00	27.81 -1.72 0.00	28.37 -1.82 0.00	28.80 -1.88 0.00	29.23 -1.77 0.00	44.33 -2.55 0.00	42.43 -2.78 0.00	32.16 -2.07 0.00	29.02 -1.57 0.00	28.70 -1.71 0.00	28.80 -1.54 0.00	29.35 -1.42 0.00	28.19 -1.43 0.00	30.69 -1.52 0.00	34.80 -2.51 0.00	41.54 -2.65 0.00	46.47 -3.76 0.00	49.57 -3.79 0.07	45.10 -2.95 0.03	44.23 -3.35 0.21	43.36 -3.48 0.17	39.70 -2.97 0.01	37.64 -2.76 0.00
PACKARD___115KV_DUPONT_184 80571	40.99 -2.47 0.00	32.62 -2.02 0.00	27.81 -1.72 0.00	28.37 -1.82 0.00	28.80 -1.88 0.00	29.23 -1.77 0.00	44.34 -2.54 0.00	42.44 -2.77 0.00	32.16 -2.07 0.00	29.02 -1.58 0.00	28.71 -1.70 0.00	28.80 -1.55 0.00	29.35 -1.42 0.00	28.19 -1.43 0.00	30.69 -1.53 0.00	34.81 -2.50 0.00	41.54 -2.65 0.00	46.47 -3.76 0.00	49.56 -3.80 0.07	45.10 -2.96 0.03	44.03 -3.37 0.40	43.10 -3.45 0.48	39.33 -2.96 0.39	37.28 -2.76 0.37
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.08 2.63 0.00	36.77 2.13 0.00	31.54 2.00 0.00	31.99 1.80 0.00	32.46 1.78 0.00	32.83 1.83 0.00	49.11 2.23 0.00	47.47 2.27 0.00	36.35 2.12 0.00	32.73 2.13 0.00	34.51 2.23 -1.87	32.67 2.32 0.00	33.20 2.39 -0.03	31.86 2.24 0.00	34.78 2.57 0.00	40.61 3.31 0.00	47.58 3.39 0.00	53.32 3.08 0.00	55.99 2.56 0.00	50.00 1.91 0.00	49.74 1.95 0.00	49.23 2.21 0.00	44.64 1.96 0.00	42.32 1.92 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.13 3.67 0.00	37.61 2.97 0.00	32.24 2.71 0.00	32.70 2.51 0.00	33.19 2.51 0.00	33.57 2.57 0.00	50.26 3.38 0.00	48.44 3.24 0.00	37.07 2.85 0.00	33.37 2.77 0.00	35.08 2.80 -1.87	33.25 2.90 0.00	33.78 2.97 -0.03	32.41 2.79 0.00	35.41 3.20 0.00	41.35 4.04 0.00	48.40 4.21 0.00	54.26 4.02 0.00	56.98 3.55 0.00	50.87 2.78 0.00	50.60 2.81 0.00	50.09 3.07 0.00	45.40 2.72 0.00	43.04 2.63 0.00
PATROON___115KV_TB1 80586	44.33 0.88 0.00	35.50 0.86 0.00	30.56 1.02 0.00	31.15 0.97 0.00	31.65 0.97 0.00	31.94 0.93 0.00	47.80 0.92 0.00	46.07 0.87 0.00	34.85 0.63 0.00	31.18 0.58 0.00	31.28 0.60 -0.27	30.93 0.59 0.00	31.30 0.52 0.00	30.18 0.56 0.00	32.83 0.63 0.00	38.16 0.85 0.00	45.05 0.86 0.00	51.40 1.17 0.00	54.47 1.04 0.00	48.84 0.75 0.00	48.72 0.93 0.00	47.98 0.96 0.00	43.56 0.88 0.00	41.20 0.80 0.00
PATTRSNVILLE___SOLAR 323815	44.67 1.22 0.00	35.60 0.96 0.00	30.44 0.90 0.00	31.08 0.90 0.00	31.62 0.93 0.00	31.93 0.93 0.00	48.15 1.27 0.00	46.31 1.10 0.00	34.62 0.39 0.00	30.76 0.15 0.00	30.51 0.11 0.00	30.41 0.07 0.00	30.82 0.04 0.00	29.69 0.07 0.00	32.30 0.09 0.00	37.46 0.15 0.00	44.46 0.27 0.00	50.90 0.66 0.00	54.59 1.16 0.00	49.36 1.27 0.00	49.04 1.26 0.00	48.30 1.28 0.00	43.85 1.17 0.00	41.47 1.07 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.15 -1.30 0.00	33.49 -1.15 0.00	28.51 -1.03 0.00	29.07 -1.11 0.00	29.51 -1.17 0.00	29.98 -1.03 0.00	45.51 -1.36 0.00	43.62 -1.59 0.00	33.05 -1.18 0.00	29.75 -0.85 0.00	29.39 -1.01 0.00	29.51 -0.83 0.00	30.11 -0.67 0.00	28.92 -0.70 0.00	31.50 -0.71 0.00	35.86 -1.45 0.00	43.00 -1.19 0.00	48.39 -1.84 0.00	51.73 -1.64 0.07	46.91 -1.15 0.03	46.12 -1.48 0.20	45.14 -1.72 0.16	41.16 -1.51 0.01	38.81 -1.60 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.26 2.81 0.00	36.82 2.17 0.00	31.55 2.02 0.00	32.06 1.87 0.00	32.52 1.84 0.00	32.86 1.85 0.00	49.29 2.41 0.00	47.35 2.14 0.00	36.15 1.92 0.00	32.60 2.00 0.00	32.61 2.20 0.00	32.53 2.18 0.00	33.07 2.29 0.00	31.80 2.18 0.00	34.68 2.47 0.00	40.43 3.12 0.00	47.66 3.46 0.00	53.76 3.53 0.00	56.60 3.17 0.00	50.50 2.42 0.00	50.12 2.33 0.00	49.47 2.45 0.00	44.82 2.14 0.00	42.42 2.01 0.00
PEEKSKILL____ 23653	45.79 2.34 0.00	36.43 1.79 0.00	31.22 1.68 0.00	31.73 1.54 0.00	32.18 1.49 0.00	32.51 1.50 0.00	48.76 1.88 0.00	47.06 1.85 0.00	35.96 1.73 0.00	32.39 1.79 0.00	34.52 1.92 -2.19	32.32 1.97 0.00	32.87 2.09 0.00	31.58 1.96 0.00	34.43 2.22 0.00	40.12 2.81 0.00	47.23 3.05 0.00	53.20 2.96 0.00	55.97 2.54 0.00	49.97 1.88 0.00	49.60 1.81 0.00	49.00 1.98 0.00	44.41 1.73 0.00	42.06 1.65 0.00
PGE MADISON___WINDPWR 24146	45.21 1.76 0.00	36.04 1.39 0.00	30.88 1.34 0.00	31.58 1.40 0.00	32.12 1.44 0.00	32.71 1.70 0.00	49.80 2.92 0.00	47.73 2.53 0.00	35.46 1.23 0.00	31.18 0.58 0.00	30.87 0.46 0.00	30.66 0.31 0.00	31.19 0.42 0.00	29.85 0.22 0.00	32.51 0.30 0.00	37.70 0.39 0.00	45.46 1.27 0.00	52.39 2.16 0.00	57.28 3.86 0.02	51.88 3.80 0.01	51.34 3.60 0.05	50.38 3.39 0.04	45.47 2.80 0.00	42.81 2.41 0.00
PIERCEFIELD____HYD 23852	43.60 0.15 0.00	34.86 0.22 0.00	29.56 0.03 0.00	30.23 0.05 0.00	30.75 0.07 0.00	31.12 0.11 0.00	47.36 0.48 0.00	45.79 0.58 0.00	34.54 0.31 0.00	30.73 0.13 0.00	30.46 0.05 0.00	30.32 -0.03 0.00	30.64 -0.13 0.00	29.38 -0.24 0.00	31.66 -0.54 0.00	36.32 -0.99 0.00	42.86 -1.33 0.00	48.66 -1.57 0.00	52.14 -1.30 0.00	47.46 -0.63 0.00	47.39 -0.40 0.00	46.79 -0.23 0.00	42.89 0.21 0.00	40.90 0.49 0.00
PINELAWN_CC_1 323563	46.53 3.08 0.00	36.91 2.27 0.00	31.83 2.29 0.00	32.34 2.16 0.00	32.76 2.08 0.00	33.12 2.11 0.00	49.48 2.60 0.00	47.65 2.45 0.00	36.38 2.15 0.00	34.51 2.39 -1.52	35.63 2.83 -2.39	33.02 2.68 0.00	33.51 2.73 0.00	32.01 2.39 0.00	34.95 2.75 0.00	46.76 3.79 -5.66	48.01 3.82 0.00	53.59 3.36 0.00	56.18 2.74 0.00	40.46 1.61 9.24	49.77 1.98 0.00	49.10 2.08 0.00	44.63 1.94 0.00	42.35 1.94 0.00
PJM_GEN_HTP_PROXY 323702	48.34 2.64 -2.25	36.68 2.04 0.00	31.45 1.91 0.00	31.94 1.75 0.00	32.37 1.69 0.00	32.72 1.71 0.00	49.07 2.19 0.00	47.38 2.17 0.00	36.25 2.03 0.00	32.70 2.11 0.00	34.52 2.24 -1.87	32.66 2.31 0.00	33.18 2.43 0.03	31.87 2.25 0.00	34.76 2.55 0.00	40.53 3.22 0.00	48.09 3.45 -0.45	53.82 3.25 -0.33	56.22 2.79 0.00	46.10 1.99 3.97	50.25 1.95 -0.52	49.24 2.21 0.00	44.64 1.96 0.00	42.28 1.88 0.00
PJM_GEN_KEystone 24065	45.99 0.29 -2.25	29.17 0.14 5.61	24.65 0.24 5.12	24.64 0.16 5.69	25.59 0.11 5.20	31.04 0.18 0.16	46.98 0.11 0.00	45.20 -0.01 0.00	34.18 0.14 0.19	30.96 0.36 0.00	27.49 0.33 3.24	30.81 0.46 0.00	31.37 0.60 0.00	30.10 0.48 0.00	32.79 0.58 0.00	37.92 0.61 0.00	45.44 0.81 -0.45	50.95 0.38 -0.33	53.57 0.17 0.03	44.11 0.01 3.99	47.80 -0.19 -0.19	46.40 -0.17 0.46	32.22 -0.26 10.20	31.91 -0.25 8.25
PJM_GEN_NEPTUNE_PROXY 323594	48.26 2.56 -2.25	36.54 1.90 0.00	31.47 1.93 0.00	31.97 1.79 0.00	32.40 1.72 0.00	32.74 1.73 0.00	48.92 2.05 0.00	47.10 1.90 0.00	35.98 1.76 0.00	34.16 2.03 -1.52	34.65 2.39 -1.85	32.64 2.30 0.00	33.13 2.35 0.00	31.73 2.11 0.00	34.65 2.44 0.00	46.29 3.31 -5.66	47.88 3.25 -0.45	53.40 2.83 -0.33	55.62 2.19 0.00	33.97 1.24 15.36	49.81 1.51 -0.52	48.68 1.65 0.00	44.22 1.54 0.00	41.99 1.58 0.00
PJM_GEN_VFT_PROXY 323633	48.26 2.56 -2.25	36.63 1.99 0.00	31.40 1.87 0.00	31.87 1.68 0.00	32.31 1.63 0.00	32.65 1.65 0.00	48.94 2.06 0.00	47.24 2.03 0.00	36.18 1.95 0.00	32.63 2.03 0.00	34.44 2.17 -1.87	32.61 2.27 0.00	33.20 2.39 -0.03	31.81 2.19 0.00	34.69 2.48 0.00	40.44 3.14 0.00	47.99 3.35 -0.45	53.72 3.15 -0.33	56.05 2.62 0.00	46.04 1.94 3.97	50.22 1.92 -0.52	49.23 2.21 0.00	44.61 1.93 0.00	42.23 1.83 0.00
PLATSBRG_115KV_PMLD1 355749	43.70 0.25 0.00	34.82 0.18 0.00	29.56 0.02 0.00	30.17 -0.01 0.00	30.67 -0.01 0.00	31.02 0.00 0.00	47.08 0.21 0.00	45.55 0.34 0.00	34.69 0.46 0.00	30.84 0.24 0.00	30.58 0.17 0.00	30.37 0.03 0.00	30.79 0.01 0.00	29.65 0.02 0.00	32.20 -0.01 0.00	37.31 0.00 0.00	44.29 0.10 0.00	50.42 0.19 0.00	53.84 0.41 0.00	48.68 0.60 0.00	48.48 0.69 0.00	47.60 0.57 0.00	43.19 0.51 0.00	40.97 0.57 0.00
PLEASANTVLY___LBMP 24000	45.51 2.05 0.00	36.26 1.62 0.00	31.09 1.56 0.00	31.61 1.43 0.00	32.06 1.38 0.00	32.38 1.37 0.00	48.57 1.69 0.00	46.87 1.66 0.00	35.76 1.53 0.00	32.19 1.59 0.00	32.94 1.75 -0.78	32.10 1.76 0.00	32.61 1.84 0.00	31.35 1.73 0.00	34.15 1.95 0.00	39.77 2.46 0.00	46.83 2.64 0.00	52.84 2.61 0.00	55.62 2.18 0.00	49.66 1.57 0.00	49.36 1.57 0.00	48.76 1.73 0.00	44.21 1.53 0.00	41.90 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.94 2.49 0.00	36.57 1.92 0.00	31.33 1.79 0.00	31.84 1.65 0.00	32.29 1.61 0.00	32.63 1.62 0.00	48.98 2.10 0.00	47.24 2.04 0.00	36.09 1.86 0.00	32.53 1.94 0.00	33.91 2.07 -1.43	32.46 2.12 0.00	33.01 2.23 0.00	31.70 2.08 0.00	34.57 2.36 0.00	40.29 2.98 0.00	47.42 3.22 0.00	53.35 3.12 0.00	56.10 2.67 0.00	50.05 1.97 0.00	49.75 1.96 0.00	49.16 2.13 0.00	44.56 1.88 0.00	42.21 1.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.94 2.49 0.00	36.57 1.92 0.00	31.33 1.79 0.00	31.84 1.65 0.00	32.29 1.61 0.00	32.63 1.62 0.00	48.98 2.10 0.00	47.24 2.04 0.00	36.09 1.86 0.00	32.53 1.94 0.00	33.91 2.07 -1.43	32.46 2.12 0.00	33.01 2.23 0.00	31.70 2.08 0.00	34.57 2.36 0.00	40.29 2.98 0.00	47.42 3.22 0.00	53.35 3.12 0.00	56.10 2.67 0.00	50.05 1.97 0.00	49.75 1.96 0.00	49.16 2.13 0.00	44.56 1.88 0.00	42.21 1.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.81 2.35 0.00	36.48 1.83 0.00	31.28 1.74 0.00	31.80 1.62 0.00	32.27 1.59 0.00	32.60 1.59 0.00	48.93 2.05 0.00	47.21 2.00 0.00	35.95 1.72 0.00	32.32 1.72 0.00	32.23 1.82 0.00	32.17 1.82 0.00	32.66 1.89 0.00	31.42 1.80 0.00	34.25 2.04 0.00	39.91 2.60 0.00	47.09 2.90 0.00	53.29 3.06 0.00	56.18 2.75 0.00	50.19 2.10 0.00	49.86 2.07 0.00	49.19 2.16 0.00	44.57 1.89 0.00	42.19 1.79 0.00

POLETTI____ 23519	46.20 2.75 0.00	36.78 2.13 0.00	31.53 1.99 0.00	32.01 1.82 0.00	32.45 1.77 0.00	32.79 1.79 0.00	49.16 2.28 0.00	47.46 2.26 0.00	36.34 2.11 0.00	32.79 2.18 0.00	34.59 2.31 -1.87	32.73 2.38 0.00	33.31 2.51 -0.03	31.94 2.32 0.00	34.83 2.62 0.00	40.61 3.30 0.00	47.67 3.48 0.00	53.40 3.17 0.00	56.07 2.63 0.00	50.00 1.91 0.00	49.74 1.95 0.00	49.33 2.31 0.00	44.75 2.07 0.00	42.36 1.96 0.00
POMONA____ESR 323819	45.83 2.38 0.00	36.45 1.81 0.00	31.22 1.68 0.00	31.73 1.54 0.00	32.19 1.51 0.00	32.53 1.52 0.00	48.81 1.93 0.00	47.10 1.89 0.00	35.96 1.74 0.00	32.41 1.81 0.00	29.29 1.94 3.05	32.36 2.02 0.00	32.94 2.16 0.00	31.65 2.04 0.00	34.51 2.30 0.00	40.21 2.90 0.00	47.36 3.18 0.00	53.37 3.14 0.00	56.18 2.75 0.00	50.17 2.09 0.00	49.73 1.94 0.00	49.08 2.06 0.00	44.46 1.78 0.00	42.08 1.67 0.00
PORT_JEFF_3 23555	46.29 2.84 0.00	36.71 2.06 0.00	31.85 2.31 0.00	32.45 2.27 0.00	32.89 2.21 0.00	33.22 2.21 0.00	49.52 2.64 0.00	47.57 2.36 0.00	36.24 2.01 0.00	34.42 2.30 -1.52	41.89 3.00 -8.49	33.13 2.78 0.00	33.58 2.80 0.00	32.02 2.40 0.00	34.93 2.72 0.00	46.88 3.91 -5.66	47.96 3.77 0.00	53.13 2.90 0.00	55.74 2.31 0.00	38.51 0.94 10.51	49.52 1.73 0.00	48.81 1.79 0.00	44.27 1.59 0.00	41.99 1.59 0.00
PORT_JEFF_4 23616	46.29 2.84 0.00	36.71 2.06 0.00	31.85 2.31 0.00	32.45 2.27 0.00	32.89 2.21 0.00	33.22 2.21 0.00	49.52 2.64 0.00	47.57 2.36 0.00	36.24 2.01 0.00	34.42 2.30 -1.52	41.89 3.00 -8.49	33.13 2.78 0.00	33.58 2.80 0.00	32.02 2.40 0.00	34.93 2.72 0.00	46.88 3.91 -5.66	47.96 3.77 0.00	53.13 2.90 0.00	55.74 2.31 0.00	38.51 0.94 10.51	49.52 1.73 0.00	48.81 1.79 0.00	44.27 1.59 0.00	41.99 1.59 0.00
PORT_JEFF_IC 23713	46.36 2.91 0.00	36.75 2.11 0.00	31.91 2.37 0.00	32.52 2.33 0.00	32.94 2.26 0.00	33.27 2.26 0.00	49.60 2.72 0.00	47.66 2.45 0.00	36.18 1.96 0.00	34.37 2.25 -1.52	18.37 3.09 15.12	33.19 2.85 0.00	33.64 2.86 0.00	32.08 2.46 0.00	35.00 2.79 0.00	46.99 4.02 -5.66	48.10 3.91 0.00	53.15 2.92 0.00	55.93 2.50 0.00	38.74 1.12 10.47	49.64 1.85 0.00	48.90 1.88 0.00	44.34 1.66 0.00	42.04 1.64 0.00
PPL PILGRIM_ST_GT1 24216	46.68 3.23 0.00	37.03 2.39 0.00	32.00 2.47 0.00	32.55 2.37 0.00	32.97 2.29 0.00	33.30 2.29 0.00	49.75 2.87 0.00	47.84 2.63 0.00	36.55 2.32 0.00	34.65 2.53 -1.52	37.10 3.07 -3.62	33.24 2.90 0.00	33.70 2.92 0.00	32.19 2.57 0.00	35.15 2.94 0.00	47.03 4.06 -5.66	48.23 4.04 0.00	53.73 3.50 0.00	56.21 2.78 0.00	39.17 1.39 10.30	49.88 2.09 0.00	49.21 2.19 0.00	44.68 2.00 0.00	42.40 2.00 0.00
PPL PILGRIM_ST_GT2 24217	46.68 3.23 0.00	37.03 2.39 0.00	32.00 2.47 0.00	32.55 2.37 0.00	32.97 2.29 0.00	33.30 2.29 0.00	49.75 2.87 0.00	47.84 2.63 0.00	36.55 2.32 0.00	34.65 2.53 -1.52	37.10 3.07 -3.62	33.24 2.90 0.00	33.70 2.92 0.00	32.19 2.57 0.00	35.15 2.94 0.00	47.03 4.06 -5.66	48.23 4.04 0.00	53.73 3.50 0.00	56.21 2.78 0.00	39.17 1.39 10.30	49.88 2.09 0.00	49.21 2.19 0.00	44.68 2.00 0.00	42.40 2.00 0.00
PPL_SHRM_GT3 24213	45.99 2.54 0.00	36.40 1.76 0.00	31.96 2.42 0.00	32.72 2.53 0.00	33.17 2.49 0.00	33.51 2.50 0.00	49.73 2.85 0.00	47.86 2.66 0.00	36.53 2.30 0.00	34.69 2.58 -1.52	120.33 3.50 -86.43	33.27 2.93 0.00	33.75 2.97 0.00	32.01 2.39 0.00	34.75 2.55 0.00	47.02 4.06 -5.66	48.30 4.11 0.00	53.70 3.46 0.00	56.26 2.83 0.00	38.46 0.87 10.49	49.82 2.03 0.00	48.75 1.73 0.00	44.04 1.36 0.00	41.69 1.29 0.00
PPL_SHRM_GT4 24214	45.99 2.54 0.00	36.40 1.76 0.00	31.96 2.42 0.00	32.72 2.53 0.00	33.17 2.49 0.00	33.51 2.50 0.00	49.73 2.85 0.00	47.86 2.66 0.00	36.53 2.30 0.00	34.69 2.58 -1.52	120.33 3.50 -86.43	33.27 2.93 0.00	33.75 2.97 0.00	32.01 2.39 0.00	34.75 2.55 0.00	47.02 4.06 -5.66	48.30 4.11 0.00	53.70 3.46 0.00	56.26 2.83 0.00	38.46 0.87 10.49	49.82 2.03 0.00	48.75 1.73 0.00	44.04 1.36 0.00	41.69 1.29 0.00
PROJECT____ORANGE 1 24174	42.85 -0.61 0.00	34.14 -0.51 0.00	29.15 -0.38 0.00	29.78 -0.40 0.00	30.28 -0.41 0.00	30.61 -0.39 0.00	46.25 -0.63 0.00	44.53 -0.67 0.00	33.62 -0.61 0.00	30.02 -0.58 0.00	29.82 -0.59 0.00	29.82 -0.52 0.00	30.30 -0.48 0.00	29.15 -0.47 0.00	31.69 -0.52 0.00	36.65 -0.66 0.00	43.58 -0.61 0.00	49.56 -0.67 0.00	52.87 -0.53 0.03	47.61 -0.46 0.01	47.14 -0.57 0.09	46.32 -0.64 0.07	42.02 -0.65 0.00	39.72 -0.68 0.00
PROJECT____ORANGE 2 24166	42.85 -0.61 0.00	34.14 -0.51 0.00	29.15 -0.38 0.00	29.78 -0.40 0.00	30.28 -0.41 0.00	30.61 -0.39 0.00	46.25 -0.63 0.00	44.53 -0.67 0.00	33.62 -0.61 0.00	30.02 -0.58 0.00	29.82 -0.59 0.00	29.82 -0.52 0.00	30.30 -0.48 0.00	29.15 -0.47 0.00	31.69 -0.52 0.00	36.65 -0.66 0.00	43.58 -0.61 0.00	49.56 -0.67 0.00	52.87 -0.53 0.03	47.61 -0.46 0.01	47.14 -0.57 0.09	46.32 -0.64 0.07	42.02 -0.65 0.00	39.72 -0.68 0.00
PUCKETT____SOLAR 323809	43.72 0.27 0.00	34.82 0.17 0.00	29.79 0.26 0.00	30.44 0.25 0.00	30.90 0.21 0.00	31.29 0.28 0.00	47.34 0.46 0.00	45.41 0.21 0.00	34.11 -0.12 0.00	30.31 -0.29 0.00	29.98 -0.43 0.00	30.01 -0.34 0.00	30.50 -0.27 0.00	29.31 -0.31 0.00	31.89 -0.32 0.00	36.92 -0.39 0.00	44.16 -0.03 0.00	50.32 0.09 0.00	54.13 0.72 0.02	48.84 0.77 0.01	48.45 0.66 0.00	47.64 0.58 -0.04	43.16 0.38 -0.10	40.78 0.27 -0.10
PYRITES____HYD 24023	44.42 0.97 0.00	35.39 0.74 0.00	30.00 0.46 0.00	30.68 0.50 0.00	31.21 0.53 0.00	31.62 0.60 0.00	48.19 1.31 0.00	46.53 1.33 0.00	34.88 0.65 0.00	30.97 0.37 0.00	30.68 0.27 0.00	30.55 0.21 0.00	30.88 0.10 0.00	29.60 -0.02 0.00	31.96 -0.25 0.00	36.71 -0.60 0.00	43.33 -0.86 0.00	49.28 -0.96 0.00	52.88 -0.56 0.00	48.40 0.32 0.00	48.30 0.51 0.00	47.68 0.65 0.00	43.61 0.93 0.00	41.53 1.12 0.00
QUAKERRD_115KV_BK1 80622	41.68 -1.77 0.00	33.17 -1.47 0.00	28.28 -1.26 0.00	28.86 -1.32 0.00	29.32 -1.36 0.00	29.72 -1.29 0.00	45.02 -1.86 0.00	43.29 -1.92 0.00	32.69 -1.54 0.00	29.27 -1.33 0.00	29.05 -1.36 0.00	29.06 -1.28 0.00	29.55 -1.23 0.00	28.42 -1.20 0.00	30.90 -1.30 0.00	35.48 -1.83 0.00	42.32 -1.87 0.00	47.98 -2.25 0.00	51.28 -2.08 0.08	46.41 -1.64 0.03	45.67 -1.90 0.22	44.80 -2.05 0.18	40.77 -1.90 0.01	38.51 -1.90 0.00
QUENSBRY_115KV_TB8 356137	45.42 1.97 0.00	36.14 1.49 0.00	31.09 1.55 0.00	31.69 1.51 0.00	32.23 1.55 0.00	32.57 1.56 0.00	49.08 2.20 0.00	47.12 1.91 0.00	35.17 0.94 0.00	31.14 0.54 0.00	30.81 0.40 0.00	30.64 0.30 0.00	30.82 0.04 0.00	29.72 0.10 0.00	32.44 0.23 0.00	37.94 0.64 0.00	45.25 1.06 0.00	52.09 1.86 0.00	55.51 2.08 0.00	49.85 1.77 0.00	49.87 2.08 0.00	49.15 2.13 0.00	44.61 1.93 0.00	42.14 1.74 0.00

RAMAPO___LBMP 323565	45.60 2.14 0.00	36.28 1.64 0.00	31.08 1.54 0.00	31.59 1.41 0.00	32.05 1.37 0.00	32.38 1.37 0.00	48.59 1.71 0.00	46.89 1.68 0.00	35.80 1.57 0.00	32.25 1.64 0.00	29.34 1.76 2.83	32.17 1.83 0.00	32.74 1.97 0.00	31.46 1.84 0.00	34.29 2.08 0.00	39.94 2.63 0.00	47.05 2.86 0.00	53.03 2.80 0.00	55.86 2.42 0.00	49.92 1.83 0.00	49.48 1.69 0.00	48.83 1.81 0.00	44.25 1.57 0.00	41.88 1.47 0.00
RANKINE____ 23646	42.09 -1.36 0.00	33.45 -1.19 0.00	28.50 -1.04 0.00	29.07 -1.11 0.00	29.51 -1.17 0.00	29.98 -1.03 0.00	45.50 -1.38 0.00	43.60 -1.60 0.00	33.00 -1.23 0.00	29.70 -0.90 0.00	29.35 -1.06 0.00	29.46 -0.88 0.00	30.06 -0.72 0.00	28.86 -0.76 0.00	31.42 -0.79 0.00	35.74 -1.57 0.00	42.87 -1.32 0.00	48.22 -2.01 0.00	51.54 -1.82 0.07	46.78 -1.28 0.03	45.95 -1.65 0.20	45.01 -1.86 0.16	41.02 -1.65 0.01	38.70 -1.71 0.00
RAVENSWOOD_GT2_1 24244	46.20 2.75 0.00	36.78 2.14 0.00	31.53 1.99 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.80 1.79 0.00	49.16 2.29 0.00	47.47 2.26 0.00	36.34 2.11 0.00	32.79 2.19 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.31 2.51 -0.03	31.94 2.32 0.00	34.83 2.63 0.00	40.63 3.32 0.00	47.68 3.49 0.00	53.45 3.21 0.00	56.11 2.68 0.00	50.03 1.95 0.00	49.78 1.99 0.00	49.35 2.32 0.00	44.75 2.07 0.00	42.38 1.97 0.00
RAVENSWOOD_GT2_2 24245	46.20 2.75 0.00	36.78 2.14 0.00	31.53 1.99 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.80 1.79 0.00	49.16 2.29 0.00	47.47 2.26 0.00	36.34 2.11 0.00	32.79 2.19 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.31 2.51 -0.03	31.94 2.32 0.00	34.83 2.63 0.00	40.63 3.32 0.00	47.68 3.49 0.00	53.45 3.21 0.00	56.11 2.68 0.00	50.03 1.95 0.00	49.78 1.99 0.00	49.35 2.32 0.00	44.75 2.07 0.00	42.38 1.97 0.00
RAVENSWOOD_GT2_3 24246	46.23 2.78 0.00	36.80 2.16 0.00	31.55 2.01 0.00	32.02 1.84 0.00	32.46 1.79 0.00	32.81 1.81 0.00	49.19 2.32 0.00	47.50 2.29 0.00	36.37 2.14 0.00	32.81 2.21 0.00	34.61 2.34 -1.87	32.75 2.41 0.00	33.34 2.53 -0.03	31.96 2.34 0.00	34.85 2.64 0.00	40.64 3.33 0.00	47.71 3.52 0.00	53.49 3.26 0.00	56.15 2.71 0.00	50.07 1.98 0.00	49.81 2.02 0.00	49.37 2.35 0.00	44.78 2.10 0.00	42.40 1.99 0.00
RAVENSWOOD_GT2_4 24247	46.23 2.78 0.00	36.80 2.16 0.00	31.55 2.01 0.00	32.02 1.84 0.00	32.46 1.79 0.00	32.81 1.81 0.00	49.19 2.32 0.00	47.50 2.29 0.00	36.37 2.14 0.00	32.81 2.21 0.00	34.61 2.34 -1.87	32.75 2.41 0.00	33.34 2.53 -0.03	31.96 2.34 0.00	34.85 2.64 0.00	40.64 3.33 0.00	47.71 3.52 0.00	53.49 3.26 0.00	56.15 2.71 0.00	50.07 1.98 0.00	49.81 2.02 0.00	49.37 2.35 0.00	44.78 2.10 0.00	42.40 1.99 0.00
RAVENSWOOD_GT3_1 24248	46.21 2.75 0.00	36.78 2.14 0.00	31.53 1.99 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.80 1.79 0.00	49.16 2.29 0.00	47.47 2.26 0.00	36.34 2.11 0.00	32.79 2.19 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.31 2.51 -0.03	31.95 2.32 0.00	34.83 2.63 0.00	40.63 3.32 0.00	47.69 3.50 0.00	53.45 3.22 0.00	56.11 2.68 0.00	50.04 1.96 0.00	49.78 1.99 0.00	49.35 2.33 0.00	44.75 2.07 0.00	42.38 1.97 0.00
RAVENSWOOD_GT3_2 24249	46.21 2.75 0.00	36.78 2.14 0.00	31.53 1.99 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.80 1.79 0.00	49.16 2.29 0.00	47.47 2.26 0.00	36.34 2.11 0.00	32.79 2.19 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.31 2.51 -0.03	31.95 2.32 0.00	34.83 2.63 0.00	40.63 3.32 0.00	47.69 3.50 0.00	53.45 3.22 0.00	56.11 2.68 0.00	50.04 1.96 0.00	49.78 1.99 0.00	49.35 2.33 0.00	44.75 2.07 0.00	42.38 1.97 0.00
RAVENSWOOD_GT3_3 24250	46.30 2.85 0.00	36.85 2.20 0.00	31.59 2.05 0.00	32.07 1.88 0.00	32.50 1.83 0.00	32.85 1.85 0.00	49.25 2.37 0.00	47.56 2.35 0.00	36.41 2.18 0.00	32.85 2.25 0.00	34.65 2.38 -1.87	32.80 2.45 0.00	33.39 2.58 -0.03	32.01 2.39 0.00	34.90 2.69 0.00	40.71 3.40 0.00	47.80 3.61 0.00	53.56 3.33 0.00	56.23 2.80 0.00	50.14 2.06 0.00	49.88 2.09 0.00	49.45 2.42 0.00	44.83 2.15 0.00	42.45 2.04 0.00
RAVENSWOOD_GT3_4 24251	46.30 2.85 0.00	36.85 2.20 0.00	31.59 2.05 0.00	32.07 1.88 0.00	32.50 1.83 0.00	32.85 1.85 0.00	49.25 2.37 0.00	47.56 2.35 0.00	36.41 2.18 0.00	32.85 2.25 0.00	34.65 2.38 -1.87	32.80 2.45 0.00	33.39 2.58 -0.03	32.01 2.39 0.00	34.90 2.69 0.00	40.71 3.40 0.00	47.80 3.61 0.00	53.56 3.33 0.00	56.23 2.80 0.00	50.14 2.06 0.00	49.88 2.09 0.00	49.45 2.42 0.00	44.83 2.15 0.00	42.45 2.04 0.00
RAVENSWOOD_GT_1 23729	46.25 2.80 0.00	36.84 2.19 0.00	31.59 2.05 0.00	32.06 1.87 0.00	32.50 1.82 0.00	32.86 1.85 0.00	49.21 2.34 0.00	47.53 2.33 0.00	36.43 2.20 0.00	32.87 2.27 0.00	34.67 2.39 -1.87	32.81 2.47 0.00	33.39 2.59 -0.03	32.02 2.40 0.00	34.93 2.72 0.00	40.75 3.44 0.00	47.81 3.62 0.00	53.51 3.27 0.00	56.13 2.70 0.00	50.11 2.03 0.00	49.84 2.05 0.00	49.37 2.35 0.00	44.76 2.08 0.00	42.40 1.99 0.00
RAVENSWOOD_GT_10 24258	46.22 2.77 0.00	36.78 2.14 0.00	31.54 2.00 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.17 2.30 0.00	47.47 2.26 0.00	36.34 2.11 0.00	32.79 2.19 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.31 2.51 -0.03	31.95 2.33 0.00	34.84 2.63 0.00	40.63 3.32 0.00	47.70 3.51 0.00	53.46 3.23 0.00	56.13 2.69 0.00	50.05 1.96 0.00	49.79 1.99 0.00	49.35 2.33 0.00	44.76 2.09 0.00	42.38 1.98 0.00
RAVENSWOOD_GT_11 24259	46.22 2.77 0.00	36.78 2.14 0.00	31.54 2.00 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.17 2.30 0.00	47.47 2.26 0.00	36.34 2.11 0.00	32.79 2.19 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.31 2.51 -0.03	31.95 2.33 0.00	34.84 2.63 0.00	40.63 3.32 0.00	47.70 3.51 0.00	53.46 3.23 0.00	56.13 2.69 0.00	50.05 1.96 0.00	49.79 1.99 0.00	49.35 2.33 0.00	44.76 2.09 0.00	42.38 1.98 0.00
RAVENSWOOD_GT_4 24252	46.14 2.69 0.00	36.75 2.11 0.00	31.51 1.97 0.00	31.98 1.80 0.00	32.43 1.75 0.00	32.78 1.77 0.00	49.11 2.23 0.00	47.43 2.22 0.00	36.33 2.10 0.00	32.77 2.17 0.00	34.58 2.30 -1.87	32.72 2.38 0.00	33.29 2.49 -0.03	31.93 2.31 0.00	34.82 2.61 0.00	40.62 3.31 0.00	47.66 3.47 0.00	53.38 3.15 0.00	56.03 2.59 0.00	49.99 1.90 0.00	49.72 1.94 0.00	49.29 2.26 0.00	44.72 2.04 0.00	42.37 1.97 0.00
RAVENSWOOD_GT_5 24254	46.14 2.69 0.00	36.75 2.11 0.00	31.51 1.97 0.00	31.98 1.80 0.00	32.43 1.75 0.00	32.78 1.77 0.00	49.11 2.23 0.00	47.43 2.22 0.00	36.33 2.10 0.00	32.77 2.17 0.00	34.58 2.30 -1.87	32.72 2.38 0.00	33.29 2.49 -0.03	31.93 2.31 0.00	34.82 2.61 0.00	40.62 3.31 0.00	47.66 3.47 0.00	53.38 3.15 0.00	56.03 2.59 0.00	49.99 1.90 0.00	49.72 1.94 0.00	49.29 2.26 0.00	44.72 2.04 0.00	42.37 1.97 0.00

RAVENSWOOD_GT_6 24253	46.14 2.69 0.00	36.75 2.11 0.00	31.51 1.97 0.00	31.98 1.80 0.00	32.43 1.75 0.00	32.78 1.77 0.00	49.11 2.23 0.00	47.43 2.22 0.00	36.33 2.10 0.00	32.77 2.17 0.00	34.58 2.30 -1.87	32.72 2.38 0.00	33.29 2.49 -0.03	31.93 2.31 0.00	34.82 2.61 0.00	40.62 3.31 0.00	47.66 3.47 0.00	53.38 3.15 0.00	56.03 2.59 0.00	49.99 1.90 0.00	49.72 1.94 0.00	49.29 2.26 0.00	44.72 2.04 0.00	42.37 1.97 0.00
RAVENSWOOD_GT_7 24255	46.14 2.69 0.00	36.75 2.11 0.00	31.51 1.97 0.00	31.98 1.80 0.00	32.43 1.75 0.00	32.78 1.77 0.00	49.11 2.23 0.00	47.43 2.22 0.00	36.33 2.10 0.00	32.77 2.17 0.00	34.58 2.30 -1.87	32.72 2.38 0.00	33.29 2.49 -0.03	31.93 2.31 0.00	34.82 2.61 0.00	40.62 3.31 0.00	47.66 3.47 0.00	53.38 3.15 0.00	56.03 2.59 0.00	49.99 1.90 0.00	49.72 1.94 0.00	49.29 2.26 0.00	44.72 2.04 0.00	42.37 1.97 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.22 2.77 0.00	36.78 2.14 0.00	31.54 2.00 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.17 2.30 0.00	47.47 2.26 0.00	36.34 2.11 0.00	32.79 2.19 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.31 2.51 -0.03	31.95 2.33 0.00	34.84 2.63 0.00	40.63 3.32 0.00	47.70 3.51 0.00	53.46 3.23 0.00	56.13 2.69 0.00	50.05 1.96 0.00	49.79 1.99 0.00	49.35 2.33 0.00	44.76 2.09 0.00	42.38 1.98 0.00
RAVENSWOOD_GT_9 24257	46.22 2.77 0.00	36.78 2.14 0.00	31.54 2.00 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.81 1.80 0.00	49.17 2.30 0.00	47.47 2.26 0.00	36.34 2.11 0.00	32.79 2.19 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.31 2.51 -0.03	31.95 2.33 0.00	34.84 2.63 0.00	40.63 3.32 0.00	47.70 3.51 0.00	53.46 3.23 0.00	56.13 2.69 0.00	50.05 1.96 0.00	49.79 1.99 0.00	49.35 2.33 0.00	44.76 2.09 0.00	42.38 1.98 0.00
RAVENSWOOD___1 23533	46.09 2.64 0.00	36.75 2.10 0.00	31.51 1.97 0.00	31.97 1.79 0.00	32.42 1.74 0.00	32.78 1.77 0.00	49.07 2.20 0.00	47.41 2.20 0.00	36.35 2.12 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.74 2.39 0.00	33.30 2.49 -0.03	31.94 2.32 0.00	34.84 2.63 0.00	40.65 3.35 0.00	47.67 3.48 0.00	53.34 3.11 0.00	55.96 2.53 0.00	49.96 1.88 0.00	49.69 1.90 0.00	49.25 2.23 0.00	44.67 1.99 0.00	42.36 1.95 0.00
RAVENSWOOD___2 23534	45.87 2.42 0.00	36.66 2.02 0.00	31.48 1.94 0.00	31.94 1.75 0.00	32.39 1.71 0.00	32.74 1.73 0.00	48.90 2.02 0.00	47.17 1.96 0.00	36.27 2.03 0.00	32.75 2.15 0.00	34.55 2.28 -1.87	32.71 2.36 0.00	33.27 2.46 -0.03	31.91 2.29 0.00	34.80 2.59 0.00	40.61 3.30 0.00	47.57 3.38 0.00	53.08 2.84 0.00	55.66 2.22 0.00	49.69 1.60 0.00	49.41 1.62 0.00	48.97 1.94 0.00	44.44 1.76 0.00	42.25 1.84 0.00
RAVENSWOOD___3 23535	46.22 2.77 0.00	36.78 2.14 0.00	31.53 2.00 0.00	32.01 1.83 0.00	32.45 1.77 0.00	32.80 1.79 0.00	49.16 2.29 0.00	47.47 2.26 0.00	36.35 2.12 0.00	32.79 2.19 0.00	34.59 2.32 -1.87	32.74 2.39 0.00	33.31 2.51 -0.03	31.95 2.33 0.00	34.84 2.63 0.00	40.63 3.32 0.00	47.70 3.51 0.00	53.45 3.22 0.00	56.11 2.68 0.00	50.03 1.95 0.00	49.78 1.99 0.00	49.35 2.32 0.00	44.74 2.06 0.00	42.38 1.97 0.00
RAVENSWOOD___4 23820	46.09 2.64 0.00	36.75 2.10 0.00	31.51 1.97 0.00	31.97 1.79 0.00	32.42 1.74 0.00	32.78 1.77 0.00	49.07 2.20 0.00	47.41 2.20 0.00	36.35 2.12 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.74 2.39 0.00	33.30 2.49 -0.03	31.94 2.32 0.00	34.84 2.63 0.00	40.65 3.35 0.00	47.67 3.48 0.00	53.34 3.11 0.00	55.96 2.53 0.00	49.96 1.88 0.00	49.69 1.90 0.00	49.25 2.23 0.00	44.67 1.99 0.00	42.36 1.95 0.00
RCPI_TRUST___DRP 24196	46.15 2.69 0.00	36.72 2.08 0.00	31.48 1.94 0.00	31.97 1.78 0.00	32.41 1.73 0.00	32.76 1.75 0.00	49.13 2.26 0.00	47.44 2.24 0.00	36.31 2.08 0.00	32.76 2.16 0.00	34.57 2.29 -1.87	32.70 2.36 0.00	33.22 2.48 0.03	31.93 2.31 0.00	34.82 2.61 0.00	40.59 3.29 0.00	47.73 3.54 0.00	53.56 3.33 0.00	56.29 2.86 0.00	50.13 2.05 0.00	49.79 2.00 0.00	49.29 2.26 0.00	44.69 2.01 0.00	42.32 1.92 0.00
RED___ROCHESTER 323720	42.91 -0.54 0.00	34.10 -0.54 0.00	29.05 -0.49 0.00	29.64 -0.55 0.00	30.10 -0.58 0.00	30.53 -0.48 0.00	46.34 -0.54 0.00	44.51 -0.69 0.00	33.60 -0.63 0.00	30.12 -0.48 0.00	29.88 -0.52 0.00	29.92 -0.43 0.00	30.44 -0.33 0.00	29.27 -0.35 0.00	31.84 -0.37 0.00	36.51 -0.80 0.00	43.63 -0.56 0.00	49.45 -0.78 0.00	52.90 -0.45 0.08	47.90 -0.16 0.03	46.96 -0.51 0.31	45.96 -0.73 0.33	41.76 -0.73 0.19	39.39 -0.84 0.18
REGAN___SOLAR 323812	45.44 1.98 0.00	36.16 1.52 0.00	30.81 1.27 0.00	31.44 1.26 0.00	32.02 1.34 0.00	32.41 1.40 0.00	49.11 2.24 0.00	47.16 1.96 0.00	34.59 0.36 0.00	30.36 -0.25 0.00	30.02 -0.38 0.00	29.93 -0.41 0.00	30.33 -0.45 0.00	29.25 -0.37 0.00	31.80 -0.41 0.00	36.82 -0.49 0.00	43.86 -0.33 0.00	50.71 0.48 0.00	55.44 2.01 0.00	50.75 2.66 0.00	50.21 2.42 0.00	49.32 2.29 0.00	44.76 2.08 0.00	42.25 1.85 0.00
RENSSELAER___COGEN 23796	44.03 0.57 0.00	35.28 0.64 0.00	30.38 0.84 0.00	30.97 0.78 0.00	31.47 0.79 0.00	31.75 0.74 0.00	47.52 0.64 0.00	45.79 0.59 0.00	34.65 0.42 0.00	31.00 0.40 0.00	31.11 0.43 -0.27	30.75 0.40 0.00	31.12 0.35 0.00	30.00 0.38 0.00	32.63 0.42 0.00	37.91 0.60 0.00	44.72 0.53 0.00	50.98 0.75 0.00	54.02 0.59 0.00	48.49 0.40 0.00	48.37 0.58 0.00	47.66 0.64 0.00	43.29 0.61 0.00	40.97 0.57 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.85 4.40 0.00	37.97 3.33 0.00	32.79 3.25 0.00	33.36 3.17 0.00	33.95 3.27 0.00	34.37 3.36 0.00	52.03 5.15 0.00	49.80 4.59 0.00	36.64 2.41 0.00	32.04 1.44 0.00	31.49 1.09 0.00	31.18 0.84 0.00	31.16 0.38 0.00	29.92 0.30 0.00	32.95 0.74 0.00	39.11 1.80 0.00	47.07 2.88 0.00	54.57 4.34 0.00	57.92 4.49 0.00	52.36 4.27 0.00	53.01 5.22 0.00	52.03 5.01 0.00	47.01 4.32 0.00	44.36 3.95 0.00
REVERE_CPPR_DRP 24186	44.76 1.31 0.00	35.82 1.18 0.00	30.55 1.01 0.00	31.18 1.00 0.00	31.70 1.02 0.00	32.13 1.12 0.00	48.66 1.78 0.00	46.76 1.55 0.00	34.95 0.72 0.00	30.96 0.36 0.00	30.65 0.25 0.00	30.64 0.30 0.00	31.06 0.28 0.00	29.86 0.24 0.00	32.44 0.23 0.00	37.59 0.29 0.00	44.78 0.59 0.00	51.35 1.12 0.00	55.39 1.98 0.01	50.05 1.97 0.00	49.66 1.91 0.04	48.76 1.77 0.03	44.16 1.48 0.00	41.67 1.26 0.00
REYNLDPA_13_KV_LD 356490	43.37 -0.08 0.00	34.73 0.09 0.00	29.36 -0.18 0.00	30.05 -0.14 0.00	30.56 -0.12 0.00	30.89 -0.11 0.00	46.87 0.00 0.00	45.41 0.20 0.00	34.59 0.36 0.00	30.82 0.22 0.00	30.61 0.21 0.00	30.50 0.15 0.00	30.88 0.10 0.00	29.68 0.05 0.00	32.22 0.01 0.00	37.24 -0.07 0.00	44.04 -0.15 0.00	50.06 -0.17 0.00	53.34 -0.09 0.00	48.35 0.26 0.00	48.06 0.27 0.00	47.01 -0.01 0.00	42.80 0.12 0.00	40.64 0.23 0.00

REYNOLDS_115KV_TB3 80639	44.27 0.82 0.00	35.46 0.81 0.00	30.52 0.98 0.00	31.11 0.92 0.00	31.60 0.92 0.00	31.88 0.87 0.00	47.72 0.84 0.00	45.98 0.77 0.00	34.79 0.56 0.00	31.14 0.54 0.00	31.25 0.57 -0.28	30.87 0.53 0.00	31.22 0.44 0.00	30.09 0.47 0.00	32.74 0.53 0.00	38.04 0.73 0.00	44.85 0.66 0.00	51.17 0.94 0.00	54.17 0.74 0.00	48.62 0.53 0.00	48.58 0.79 0.00	47.88 0.85 0.00	43.49 0.81 0.00	41.18 0.77 0.00
RIVERBAY____ 323610	47.13 3.67 0.00	37.61 2.97 0.00	32.24 2.71 0.00	32.70 2.51 0.00	33.19 2.51 0.00	33.57 2.57 0.00	50.26 3.38 0.00	48.44 3.24 0.00	37.07 2.85 0.00	33.37 2.77 0.00	35.08 2.80 -1.87	33.25 2.90 0.00	33.78 2.97 -0.03	32.41 2.79 0.00	35.41 3.20 0.00	41.35 4.04 0.00	48.40 4.21 0.00	54.26 4.02 0.00	56.98 3.55 0.00	50.87 2.78 0.00	50.60 2.81 0.00	50.09 3.07 0.00	45.40 2.72 0.00	43.04 2.63 0.00
RIVERSDE_115KV_TB3 55908	44.22 0.77 0.00	35.41 0.77 0.00	30.48 0.94 0.00	31.07 0.89 0.00	31.57 0.89 0.00	31.85 0.85 0.00	47.67 0.79 0.00	45.93 0.73 0.00	34.76 0.53 0.00	31.11 0.51 0.00	31.21 0.53 -0.27	30.84 0.50 0.00	31.22 0.44 0.00	30.09 0.47 0.00	32.73 0.52 0.00	38.02 0.71 0.00	44.86 0.67 0.00	51.17 0.94 0.00	54.21 0.78 0.00	48.63 0.55 0.00	48.55 0.76 0.00	47.83 0.81 0.00	43.44 0.76 0.00	41.11 0.70 0.00
ROARING____BROOK_WT_PWR 323790	43.14 -0.31 0.00	34.50 -0.14 0.00	29.46 -0.08 0.00	30.10 -0.08 0.00	30.60 -0.08 0.00	30.92 -0.09 0.00	46.78 -0.09 0.00	45.16 -0.05 0.00	34.20 -0.03 0.00	30.56 -0.04 0.00	30.35 -0.06 0.00	30.26 -0.09 0.00	30.65 -0.13 0.00	29.50 -0.12 0.00	32.07 -0.14 0.00	37.15 -0.16 0.00	44.02 -0.17 0.00	50.08 -0.15 0.00	53.33 -0.10 0.00	48.04 -0.05 0.00	47.74 -0.05 0.00	46.96 -0.07 0.00	42.63 -0.05 0.00	40.36 -0.04 0.00
ROCHESRG_115KV_T4 355643	42.33 -1.12 0.00	33.68 -0.96 0.00	28.70 -0.84 0.00	29.29 -0.90 0.00	29.76 -0.92 0.00	30.17 -0.84 0.00	45.72 -1.15 0.00	43.94 -1.27 0.00	33.18 -1.05 0.00	29.75 -0.85 0.00	29.49 -0.91 0.00	29.52 -0.82 0.00	30.03 -0.74 0.00	28.87 -0.75 0.00	31.40 -0.80 0.00	35.98 -1.33 0.00	42.97 -1.22 0.00	48.65 -1.58 0.00	51.98 -1.37 0.08	47.12 -0.94 0.03	46.31 -1.25 0.23	45.42 -1.41 0.19	41.36 -1.31 0.01	39.06 -1.34 0.00
ROCHESTER_9_IC 23652	42.69 -0.77 0.00	33.94 -0.71 0.00	28.91 -0.63 0.00	29.50 -0.69 0.00	29.97 -0.71 0.00	30.40 -0.61 0.00	46.10 -0.78 0.00	44.29 -0.92 0.00	33.44 -0.79 0.00	29.98 -0.62 0.00	29.73 -0.68 0.00	29.75 -0.59 0.00	30.28 -0.50 0.00	29.11 -0.51 0.00	31.67 -0.54 0.00	36.28 -1.02 0.00	43.36 -0.83 0.00	49.12 -1.11 0.00	52.53 -0.83 0.08	47.59 -0.47 0.03	46.77 -0.80 0.22	45.83 -1.00 0.19	41.71 -0.96 0.01	39.37 -1.04 0.00
ROCKVIEW_13_KV_LD 356306	46.22 2.77 0.00	36.80 2.16 0.00	31.53 1.99 0.00	32.01 1.82 0.00	32.45 1.77 0.00	32.79 1.79 0.00	49.20 2.33 0.00	47.48 2.28 0.00	36.30 2.07 0.00	32.74 2.14 0.00	34.58 2.30 -1.87	32.69 2.34 0.00	33.24 2.47 0.00	31.94 2.31 0.00	34.82 2.61 0.00	40.61 3.30 0.00	47.76 3.57 0.00	53.67 3.44 0.00	56.39 2.96 0.00	50.29 2.21 0.00	49.95 2.16 0.00	49.40 2.38 0.00	44.78 2.10 0.00	42.41 2.00 0.00
ROME____115KV_TB2 80656	44.76 1.31 0.00	35.82 1.18 0.00	30.55 1.01 0.00	31.18 1.00 0.00	31.70 1.02 0.00	32.13 1.12 0.00	48.66 1.78 0.00	46.76 1.55 0.00	34.95 0.72 0.00	30.96 0.36 0.00	30.65 0.25 0.00	30.64 0.30 0.00	31.06 0.28 0.00	29.86 0.24 0.00	32.44 0.23 0.00	37.59 0.29 0.00	44.78 0.59 0.00	51.35 1.12 0.00	55.39 1.98 0.01	50.05 1.97 0.00	49.66 1.91 0.04	48.76 1.77 0.03	44.16 1.48 0.00	41.67 1.26 0.00
ROSETON____1 23587	45.43 1.98 0.00	36.19 1.55 0.00	31.03 1.49 0.00	31.56 1.38 0.00	32.01 1.33 0.00	32.33 1.33 0.00	48.51 1.63 0.00	46.80 1.60 0.00	35.69 1.46 0.00	32.12 1.52 0.00	32.06 1.65 0.00	32.02 1.68 0.00	32.53 1.75 0.00	31.28 1.66 0.00	34.08 1.87 0.00	39.67 2.37 0.00	46.73 2.54 0.00	52.74 2.51 0.00	55.56 2.13 0.00	49.62 1.54 0.00	49.30 1.51 0.00	48.70 1.67 0.00	44.15 1.47 0.00	41.82 1.41 0.00
ROSETON____2 23588	45.43 1.98 0.00	36.19 1.55 0.00	31.03 1.49 0.00	31.56 1.38 0.00	32.01 1.33 0.00	32.33 1.33 0.00	48.51 1.63 0.00	46.80 1.60 0.00	35.69 1.46 0.00	32.12 1.52 0.00	32.06 1.65 0.00	32.02 1.68 0.00	32.53 1.75 0.00	31.28 1.66 0.00	34.08 1.87 0.00	39.67 2.37 0.00	46.73 2.54 0.00	52.74 2.51 0.00	55.56 2.13 0.00	49.62 1.54 0.00	49.30 1.51 0.00	48.70 1.67 0.00	44.15 1.47 0.00	41.82 1.41 0.00
ROTTTRDAM_115KV_TB3 80664	44.44 0.99 0.00	35.44 0.79 0.00	30.36 0.82 0.00	30.99 0.81 0.00	31.51 0.83 0.00	31.81 0.80 0.00	47.86 0.98 0.00	46.09 0.89 0.00	34.73 0.50 0.00	31.01 0.41 0.00	30.80 0.39 0.00	30.71 0.36 0.00	31.12 0.34 0.00	29.97 0.35 0.00	32.61 0.40 0.00	37.85 0.54 0.00	44.84 0.65 0.00	51.12 0.89 0.00	54.40 0.97 0.00	48.94 0.85 0.00	48.69 0.90 0.00	47.99 0.97 0.00	43.57 0.89 0.00	41.24 0.83 0.00
RUSSELL____1 23602	42.91 -0.54 0.00	34.11 -0.54 0.00	29.05 -0.49 0.00	29.64 -0.55 0.00	30.10 -0.58 0.00	30.53 -0.48 0.00	46.33 -0.55 0.00	44.50 -0.70 0.00	33.60 -0.63 0.00	30.12 -0.48 0.00	29.88 -0.52 0.00	29.91 -0.43 0.00	30.44 -0.33 0.00	29.27 -0.35 0.00	31.84 -0.37 0.00	36.50 -0.81 0.00	43.63 -0.56 0.00	49.45 -0.78 0.00	52.90 -0.45 0.08	47.90 -0.15 0.03	47.06 -0.51 0.22	46.10 -0.74 0.19	41.93 -0.74 0.01	39.56 -0.84 0.00
RUSSELL____2 23532	42.91 -0.54 0.00	34.11 -0.54 0.00	29.05 -0.49 0.00	29.64 -0.55 0.00	30.10 -0.58 0.00	30.53 -0.48 0.00	46.33 -0.55 0.00	44.50 -0.70 0.00	33.60 -0.63 0.00	30.12 -0.48 0.00	29.88 -0.52 0.00	29.91 -0.43 0.00	30.44 -0.33 0.00	29.27 -0.35 0.00	31.84 -0.37 0.00	36.50 -0.81 0.00	43.63 -0.56 0.00	49.45 -0.78 0.00	52.90 -0.45 0.08	47.90 -0.15 0.03	47.06 -0.51 0.22	46.10 -0.74 0.19	41.93 -0.74 0.01	39.56 -0.84 0.00
RUSSELL____3 23549	42.91 -0.54 0.00	34.11 -0.54 0.00	29.05 -0.49 0.00	29.64 -0.55 0.00	30.10 -0.58 0.00	30.53 -0.48 0.00	46.33 -0.55 0.00	44.50 -0.70 0.00	33.60 -0.63 0.00	30.12 -0.48 0.00	29.88 -0.52 0.00	29.91 -0.43 0.00	30.44 -0.33 0.00	29.27 -0.35 0.00	31.84 -0.37 0.00	36.50 -0.81 0.00	43.63 -0.56 0.00	49.45 -0.78 0.00	52.90 -0.45 0.08	47.90 -0.15 0.03	47.06 -0.51 0.22	46.10 -0.74 0.19	41.93 -0.74 0.01	39.56 -0.84 0.00
RUSSELL____4 23556	42.91 -0.54 0.00	34.11 -0.54 0.00	29.05 -0.49 0.00	29.64 -0.55 0.00	30.10 -0.58 0.00	30.53 -0.48 0.00	46.33 -0.55 0.00	44.50 -0.70 0.00	33.60 -0.63 0.00	30.12 -0.48 0.00	29.88 -0.52 0.00	29.91 -0.43 0.00	30.44 -0.33 0.00	29.27 -0.35 0.00	31.84 -0.37 0.00	36.50 -0.81 0.00	43.63 -0.56 0.00	49.45 -0.78 0.00	52.90 -0.45 0.08	47.90 -0.15 0.03	47.06 -0.51 0.22	46.10 -0.74 0.19	41.93 -0.74 0.01	39.56 -0.84 0.00

RUSSELL___STATION 23914	42.91 -0.54 0.00	34.11 -0.54 0.00	29.05 -0.49 0.00	29.64 -0.55 0.00	30.10 -0.58 0.00	30.53 -0.48 0.00	46.33 -0.55 0.00	44.50 -0.70 0.00	33.60 -0.63 0.00	30.12 -0.48 0.00	29.88 -0.52 0.00	29.91 -0.43 0.00	30.44 -0.33 0.00	29.27 -0.35 0.00	31.84 -0.37 0.00	36.50 -0.81 0.00	43.63 -0.56 0.00	49.45 -0.78 0.00	52.90 -0.45 0.08	47.90 -0.15 0.03	47.06 -0.51 0.22	46.10 -0.74 0.19	41.93 -0.74 0.01	39.56 -0.84 0.00
S SALMON___HYD 24043	43.01 -0.45 0.00	34.46 -0.18 0.00	29.40 -0.14 0.00	30.02 -0.16 0.00	30.53 -0.15 0.00	30.90 -0.11 0.00	46.70 -0.17 0.00	44.99 -0.21 0.00	33.78 -0.45 0.00	29.98 -0.62 0.00	29.70 -0.71 0.00	29.65 -0.70 0.00	30.05 -0.73 0.00	28.93 -0.69 0.00	31.40 -0.81 0.00	36.30 -1.01 0.00	43.11 -1.08 0.00	49.19 -1.05 0.00	52.92 -0.53 -0.02	48.01 -0.08 -0.01	47.81 -0.03 -0.05	47.01 -0.06 -0.04	42.53 -0.15 0.00	40.17 -0.23 0.00
S.PERRY___115KV_TB1 80734	43.88 0.42 0.00	34.83 0.19 0.00	29.70 0.16 0.00	30.31 0.12 0.00	30.75 0.07 0.00	31.24 0.24 0.00	47.58 0.70 0.00	45.63 0.42 0.00	33.94 -0.29 0.00	30.06 -0.54 0.00	29.62 -0.78 0.00	29.64 -0.71 0.00	30.10 -0.68 0.00	28.92 -0.70 0.00	31.56 -0.66 0.00	36.17 -1.13 0.00	43.38 -0.81 0.00	49.23 -1.00 0.00	53.46 0.10 0.06	49.11 1.05 0.02	48.44 0.82 0.17	47.38 0.50 0.14	42.92 0.25 0.01	40.34 -0.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.71 -1.74 0.00	33.18 -1.47 0.00	28.27 -1.27 0.00	28.84 -1.35 0.00	29.28 -1.40 0.00	29.74 -1.27 0.00	45.10 -1.78 0.00	43.22 -1.99 0.00	32.73 -1.50 0.00	29.49 -1.11 0.00	29.15 -1.26 0.00	29.25 -1.10 0.00	29.82 -0.96 0.00	28.63 -0.99 0.00	31.17 -1.04 0.00	35.43 -1.88 0.00	42.46 -1.73 0.00	47.69 -2.54 0.00	50.93 -2.43 0.07	46.27 -1.79 0.03	45.40 -2.18 0.20	44.50 -2.36 0.17	40.62 -2.05 0.01	38.36 -2.04 0.00
SAWYER___23_KV_LOAD 55526	41.71 -1.74 0.00	33.18 -1.47 0.00	28.27 -1.27 0.00	28.84 -1.35 0.00	29.28 -1.40 0.00	29.74 -1.27 0.00	45.10 -1.78 0.00	43.22 -1.99 0.00	32.73 -1.50 0.00	29.49 -1.11 0.00	29.15 -1.26 0.00	29.25 -1.10 0.00	29.82 -0.96 0.00	28.63 -0.99 0.00	31.17 -1.04 0.00	35.43 -1.88 0.00	42.46 -1.73 0.00	47.69 -2.54 0.00	50.93 -2.43 0.07	46.27 -1.79 0.03	45.40 -2.18 0.20	44.50 -2.36 0.17	40.62 -2.05 0.01	38.36 -2.04 0.00
SELKIRK___I 23801	44.27 0.82 0.00	35.48 0.84 0.00	30.51 0.97 0.00	31.14 0.96 0.00	31.65 0.97 0.00	31.93 0.92 0.00	47.86 0.99 0.00	46.05 0.85 0.00	34.71 0.48 0.00	31.00 0.40 0.00	30.82 0.41 0.00	30.79 0.45 0.00	31.14 0.36 0.00	30.00 0.38 0.00	32.63 0.43 0.00	37.88 0.57 0.00	44.77 0.57 0.00	51.12 0.89 0.00	54.36 0.93 0.00	48.82 0.74 0.00	48.65 0.86 0.00	47.95 0.93 0.00	43.56 0.88 0.00	41.25 0.84 0.00
SELKIRK___II 23799	43.93 0.47 0.00	35.29 0.64 0.00	30.37 0.83 0.00	30.98 0.80 0.00	31.47 0.79 0.00	31.75 0.75 0.00	47.60 0.72 0.00	45.86 0.65 0.00	34.71 0.48 0.00	31.06 0.46 0.00	30.90 0.49 0.00	30.82 0.48 0.00	31.22 0.44 0.00	30.09 0.46 0.00	32.72 0.51 0.00	37.99 0.68 0.00	44.86 0.67 0.00	51.07 0.84 0.00	54.14 0.70 0.00	48.58 0.50 0.00	48.42 0.64 0.00	47.73 0.70 0.00	43.35 0.67 0.00	41.03 0.63 0.00
SENECA OSWGO___HYD 24041	42.35 -1.11 0.00	33.76 -0.89 0.00	28.83 -0.71 0.00	29.45 -0.73 0.00	29.95 -0.73 0.00	30.27 -0.74 0.00	45.71 -1.17 0.00	44.04 -1.16 0.00	33.24 -0.99 0.00	29.65 -0.95 0.00	29.42 -0.99 0.00	29.39 -0.95 0.00	29.86 -0.92 0.00	28.74 -0.88 0.00	31.23 -0.98 0.00	36.12 -1.19 0.00	42.89 -1.30 0.00	48.77 -1.46 0.00	52.18 -1.31 -0.06	47.05 -1.06 -0.02	46.83 -1.12 -0.15	46.00 -1.16 -0.13	41.57 -1.11 0.00	39.30 -1.10 0.00
SENECA___115KV_TB3 355854	42.16 -1.30 0.00	33.51 -1.13 0.00	28.55 -0.99 0.00	29.11 -1.07 0.00	29.55 -1.13 0.00	30.03 -0.98 0.00	45.57 -1.31 0.00	43.69 -1.52 0.00	33.05 -1.17 0.00	29.76 -0.84 0.00	29.40 -1.01 0.00	29.51 -0.83 0.00	30.11 -0.67 0.00	28.91 -0.71 0.00	31.47 -0.74 0.00	35.82 -1.49 0.00	42.95 -1.24 0.00	48.31 -1.92 0.00	51.63 -1.74 0.07	46.86 -1.20 0.03	45.83 -1.57 0.39	44.78 -1.77 0.48	40.71 -1.56 0.40	38.39 -1.64 0.38
SENECA___ENERGY 23797	43.00 -0.45 0.00	34.26 -0.39 0.00	29.25 -0.29 0.00	29.87 -0.31 0.00	30.34 -0.34 0.00	30.74 -0.27 0.00	46.52 -0.35 0.00	44.71 -0.49 0.00	33.67 -0.56 0.00	29.94 -0.66 0.00	29.68 -0.72 0.00	29.74 -0.60 0.00	30.14 -0.64 0.00	29.07 -0.55 0.00	31.62 -0.59 0.00	36.47 -0.84 0.00	43.37 -0.82 0.00	49.31 -0.92 0.00	52.83 -0.59 0.02	47.86 -0.22 0.01	47.44 -0.31 0.04	46.54 -0.45 0.03	42.10 -0.58 0.00	39.77 -0.64 0.00
SHOEMAKER___GT 23640	45.27 1.81 0.00	36.04 1.39 0.00	30.87 1.34 0.00	31.42 1.24 0.00	31.87 1.19 0.00	32.20 1.19 0.00	48.35 1.47 0.00	46.65 1.44 0.00	35.53 1.30 0.00	31.89 1.29 0.00	29.92 1.33 1.82	31.69 1.35 0.00	32.21 1.44 0.00	30.98 1.36 0.00	33.74 1.53 0.00	39.26 1.95 0.00	46.35 2.16 0.00	52.42 2.19 0.00	55.45 2.02 0.00	49.65 1.56 0.00	49.27 1.48 0.00	48.59 1.57 0.00	44.03 1.35 0.00	41.67 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	45.24 1.79 0.00	36.02 1.37 0.00	30.85 1.32 0.00	31.41 1.22 0.00	31.87 1.19 0.00	32.20 1.18 0.00	48.34 1.46 0.00	46.63 1.42 0.00	35.52 1.29 0.00	31.91 1.31 0.00	30.03 1.36 1.73	31.73 1.39 0.00	32.26 1.48 0.00	31.02 1.40 0.00	33.79 1.58 0.00	39.31 2.00 0.00	46.40 2.21 0.00	52.45 2.22 0.00	55.44 2.00 0.00	49.62 1.54 0.00	49.24 1.45 0.00	48.56 1.54 0.00	44.01 1.33 0.00	41.65 1.24 0.00
SHOREHAM_IC_1 23715	45.99 2.54 0.00	36.40 1.76 0.00	31.96 2.42 0.00	32.72 2.53 0.00	33.17 2.49 0.00	33.51 2.50 0.00	49.73 2.85 0.00	47.86 2.66 0.00	36.53 2.30 0.00	34.69 2.58 -1.52	120.33 3.50 -86.43	33.27 2.93 0.00	33.75 2.97 0.00	32.01 2.39 0.00	34.75 2.55 0.00	47.02 4.06 -5.66	48.30 4.11 0.00	53.70 3.46 0.00	56.26 2.83 0.00	38.46 0.87 10.49	49.82 2.03 0.00	48.75 1.73 0.00	44.04 1.36 0.00	41.69 1.29 0.00
SHOREHAM_IC_2 23716	45.99 2.54 0.00	36.40 1.76 0.00	31.96 2.42 0.00	32.72 2.53 0.00	33.17 2.49 0.00	33.51 2.50 0.00	49.73 2.85 0.00	47.86 2.66 0.00	36.53 2.30 0.00	34.69 2.58 -1.52	120.33 3.50 -86.43	33.27 2.93 0.00	33.75 2.97 0.00	32.01 2.39 0.00	34.75 2.55 0.00	47.02 4.06 -5.66	48.30 4.11 0.00	53.70 3.46 0.00	56.26 2.83 0.00	38.46 0.87 10.49	49.82 2.03 0.00	48.75 1.73 0.00	44.04 1.36 0.00	41.69 1.29 0.00
SISSONVILLE___ 23735	43.60 0.15 0.00	34.86 0.22 0.00	29.56 0.03 0.00	30.23 0.05 0.00	30.75 0.07 0.00	31.12 0.11 0.00	47.36 0.48 0.00	45.79 0.58 0.00	34.54 0.31 0.00	30.73 0.13 0.00	30.46 0.05 0.00	30.32 -0.03 0.00	30.64 -0.13 0.00	29.38 -0.24 0.00	31.66 -0.54 0.00	36.32 -0.99 0.00	42.86 -1.33 0.00	48.66 -1.57 0.00	52.14 -1.30 0.00	47.46 -0.63 0.00	47.39 -0.40 0.00	46.79 -0.23 0.00	42.89 0.21 0.00	40.90 0.49 0.00

SITHE_IND_GS1 24169	41.91 -1.54 0.00	33.43 -1.22 0.00	28.55 -0.99 0.00	29.18 -1.01 0.00	29.67 -1.01 0.00	29.97 -1.04 0.00	45.24 -1.64 0.00	43.58 -1.63 0.00	32.95 -1.28 0.00	29.43 -1.17 0.00	29.24 -1.17 0.00	29.20 -1.14 0.00	29.65 -1.13 0.00	28.53 -1.09 0.00	31.02 -1.18 0.00	35.88 -1.43 0.00	42.58 -1.62 0.00	48.39 -1.84 0.00	51.04 -1.85 0.55	46.25 -1.63 0.21	44.58 -1.67 1.54	44.07 -1.67 1.28	41.07 -1.56 0.05	38.92 -1.48 0.00
SITHE_IND_GS2 24170	41.91 -1.54 0.00	33.43 -1.22 0.00	28.55 -0.99 0.00	29.18 -1.01 0.00	29.67 -1.01 0.00	29.97 -1.04 0.00	45.24 -1.64 0.00	43.58 -1.63 0.00	32.95 -1.28 0.00	29.43 -1.17 0.00	29.24 -1.17 0.00	29.20 -1.14 0.00	29.65 -1.13 0.00	28.53 -1.09 0.00	31.02 -1.18 0.00	35.88 -1.43 0.00	42.58 -1.62 0.00	48.39 -1.84 0.00	51.04 -1.85 0.55	46.25 -1.63 0.21	44.58 -1.67 1.54	44.07 -1.67 1.28	41.07 -1.56 0.05	38.92 -1.48 0.00
SITHE_IND_GS3 24171	41.91 -1.54 0.00	33.43 -1.22 0.00	28.55 -0.99 0.00	29.18 -1.01 0.00	29.67 -1.01 0.00	29.97 -1.04 0.00	45.24 -1.64 0.00	43.58 -1.63 0.00	32.95 -1.28 0.00	29.43 -1.17 0.00	29.24 -1.17 0.00	29.20 -1.14 0.00	29.65 -1.13 0.00	28.53 -1.09 0.00	31.02 -1.18 0.00	35.88 -1.43 0.00	42.58 -1.62 0.00	48.39 -1.84 0.00	51.04 -1.85 0.55	46.25 -1.63 0.21	44.58 -1.67 1.54	44.07 -1.67 1.28	41.07 -1.56 0.05	38.92 -1.48 0.00
SITHE_IND_GS4 24172	41.91 -1.54 0.00	33.43 -1.22 0.00	28.55 -0.99 0.00	29.18 -1.01 0.00	29.67 -1.01 0.00	29.97 -1.04 0.00	45.24 -1.64 0.00	43.58 -1.63 0.00	32.95 -1.28 0.00	29.43 -1.17 0.00	29.24 -1.17 0.00	29.20 -1.14 0.00	29.65 -1.13 0.00	28.53 -1.09 0.00	31.02 -1.18 0.00	35.88 -1.43 0.00	42.58 -1.62 0.00	48.39 -1.84 0.00	51.04 -1.85 0.55	46.25 -1.63 0.21	44.58 -1.67 1.54	44.07 -1.67 1.28	41.07 -1.56 0.05	38.92 -1.48 0.00
SITHE___BATAVIA 24024	42.96 -0.49 0.00	34.11 -0.54 0.00	29.04 -0.50 0.00	29.62 -0.57 0.00	30.08 -0.60 0.00	30.55 -0.46 0.00	46.45 -0.42 0.00	44.59 -0.61 0.00	33.48 -0.75 0.00	29.82 -0.78 0.00	29.35 -1.06 0.00	29.36 -0.98 0.00	29.87 -0.91 0.00	28.69 -0.93 0.00	31.18 -1.02 0.00	35.52 -1.78 0.00	42.57 -1.62 0.00	48.22 -2.01 0.00	52.18 -1.17 0.08	47.86 -0.19 0.03	46.86 -0.58 0.35	45.79 -0.84 0.40	41.64 -0.76 0.28	39.21 -0.93 0.26
SITHE___INDEPEND 23800	41.91 -1.54 0.00	33.43 -1.21 0.00	28.55 -0.99 0.00	29.18 -1.01 0.00	29.67 -1.01 0.00	29.97 -1.04 0.00	45.24 -1.64 0.00	43.58 -1.63 0.00	32.95 -1.28 0.00	29.44 -1.17 0.00	29.24 -1.17 0.00	29.20 -1.14 0.00	29.64 -1.13 0.00	28.53 -1.09 0.00	31.03 -1.18 0.00	35.87 -1.44 0.00	42.57 -1.62 0.00	48.39 -1.84 0.00	51.03 -1.85 0.55	46.24 -1.63 0.21	44.58 -1.67 1.54	44.07 -1.67 1.28	41.07 -1.55 0.05	38.92 -1.48 0.00
SITHE___MASSENA 23902	43.52 0.07 0.00	34.74 0.10 0.00	29.46 -0.08 0.00	30.12 -0.06 0.00	30.63 -0.05 0.00	30.98 -0.03 0.00	47.12 0.24 0.00	45.56 0.36 0.00	34.57 0.34 0.00	30.85 0.25 0.00	30.62 0.21 0.00	30.50 0.16 0.00	30.86 0.08 0.00	29.59 -0.03 0.00	32.08 -0.13 0.00	37.04 -0.27 0.00	43.85 -0.35 0.00	49.82 -0.41 0.00	53.19 -0.24 0.00	48.19 0.10 0.00	47.89 0.10 0.00	47.07 0.05 0.00	42.91 0.23 0.00	40.75 0.34 0.00
SITHE___OGDNSBRG 24021	44.36 0.91 0.00	35.33 0.69 0.00	29.92 0.39 0.00	30.60 0.42 0.00	31.12 0.45 0.00	31.53 0.52 0.00	48.05 1.17 0.00	46.40 1.20 0.00	34.82 0.59 0.00	30.97 0.36 0.00	30.70 0.29 0.00	30.57 0.23 0.00	30.91 0.13 0.00	29.63 0.01 0.00	32.05 -0.16 0.00	36.89 -0.42 0.00	43.61 -0.58 0.00	49.58 -0.65 0.00	53.12 -0.32 0.00	48.66 0.57 0.00	48.49 0.70 0.00	47.75 0.73 0.00	43.60 0.92 0.00	41.46 1.05 0.00
SITHE___STERLING 23777	44.36 0.90 0.00	35.41 0.77 0.00	30.23 0.69 0.00	30.87 0.68 0.00	31.38 0.70 0.00	31.78 0.77 0.00	48.08 1.20 0.00	46.24 1.04 0.00	34.66 0.43 0.00	30.76 0.16 0.00	30.49 0.09 0.00	30.50 0.16 0.00	30.94 0.16 0.00	29.74 0.12 0.00	32.34 0.13 0.00	37.46 0.15 0.00	44.57 0.38 0.00	50.94 0.71 0.00	54.75 1.34 0.02	49.43 1.35 0.01	49.08 1.33 0.04	48.20 1.22 0.04	43.67 0.99 0.00	41.23 0.82 0.00
SLEIGHT__34_KV_TB1 80719	42.53 -0.92 0.00	33.84 -0.80 0.00	28.86 -0.67 0.00	29.47 -0.72 0.00	29.95 -0.73 0.00	30.35 -0.66 0.00	45.96 -0.92 0.00	44.23 -0.98 0.00	33.29 -0.94 0.00	29.65 -0.95 0.00	29.42 -0.98 0.00	29.48 -0.87 0.00	29.98 -0.80 0.00	28.84 -0.79 0.00	31.37 -0.83 0.00	35.98 -1.33 0.00	42.92 -1.27 0.00	48.78 -1.46 0.00	52.35 -1.02 0.06	47.40 -0.66 0.02	46.76 -0.85 0.17	45.85 -1.04 0.14	41.62 -1.05 0.01	39.30 -1.11 0.00
SOUTH CAIRO___GT 23612	45.21 1.76 0.00	36.22 1.57 0.00	31.16 1.63 0.00	31.78 1.59 0.00	32.29 1.61 0.00	32.64 1.63 0.00	49.01 2.14 0.00	47.28 2.08 0.00	35.59 1.36 0.00	31.45 0.85 0.00	31.21 0.81 0.00	31.23 0.89 0.00	31.54 0.77 0.00	30.42 0.80 0.00	33.11 0.91 0.00	38.51 1.20 0.00	45.62 1.43 0.00	52.29 2.05 0.00	55.93 2.49 0.00	50.44 2.35 0.00	50.25 2.46 0.00	49.40 2.38 0.00	44.75 2.07 0.00	42.24 1.84 0.00
SOUTH HAMPTN___IC 23720	46.56 3.10 0.00	36.77 2.13 0.00	32.18 2.65 0.00	32.97 2.78 0.00	33.49 2.80 0.00	33.83 2.82 0.00	50.36 3.48 0.00	48.59 3.38 0.00	37.04 2.81 0.00	35.20 3.08 -1.52	248.15 3.95 -213.79	33.85 3.50 0.00	34.34 3.57 0.00	32.63 3.01 0.00	35.48 3.27 0.00	47.84 4.87 -5.66	49.32 5.13 0.00	54.84 4.60 0.00	57.39 3.95 0.00	39.39 1.81 10.51	50.56 2.77 0.00	49.48 2.46 0.00	44.77 2.09 0.00	42.38 1.97 0.00
SOUTHDOW_115KV_TB1 355954	43.67 0.21 0.00	34.62 -0.02 0.00	29.56 0.03 0.00	30.20 0.01 0.00	30.66 -0.02 0.00	31.24 0.23 0.00	47.50 0.63 0.00	45.64 0.43 0.00	34.47 0.24 0.00	30.97 0.37 0.00	30.49 0.09 0.00	30.64 0.30 0.00	31.20 0.42 0.00	29.89 0.27 0.00	32.51 0.31 0.00	37.21 -0.10 0.00	44.64 0.45 0.00	50.14 -0.10 0.00	53.64 0.27 0.06	48.56 0.50 0.02	47.76 0.15 0.18	46.71 -0.17 0.15	42.22 -0.45 0.01	39.70 -0.70 0.00
SOUTHOLD_69_KV_BK 2 55809	46.97 3.51 0.00	36.96 2.31 0.00	32.33 2.79 0.00	33.18 2.99 0.00	33.79 3.11 0.00	34.15 3.14 0.00	50.97 4.09 0.00	49.34 4.13 0.00	37.54 3.32 0.00	35.68 3.56 -1.52	254.99 4.45 -220.14	34.42 4.07 0.00	34.94 4.16 0.00	33.18 3.56 0.00	36.12 3.91 0.00	48.62 5.66 -5.66	50.33 6.14 0.00	55.93 5.69 0.00	58.49 5.06 0.00	40.25 2.68 10.51	51.25 3.46 0.00	50.15 3.13 0.00	45.46 2.78 0.00	42.99 2.58 0.00
SOUTHOLD___IC 23719	46.97 3.51 0.00	36.96 2.32 0.00	32.33 2.80 0.00	33.18 2.99 0.00	33.79 3.12 0.00	34.15 3.14 0.00	50.96 4.08 0.00	49.34 4.13 0.00	37.55 3.32 0.00	35.68 3.56 -1.52	254.99 4.45 -220.14	34.42 4.07 0.00	34.94 4.16 0.00	33.17 3.55 0.00	36.12 3.91 0.00	48.62 5.65 -5.66	50.33 6.14 0.00	55.93 5.69 0.00	58.49 5.06 0.00	40.21 2.63 10.51	51.24 3.45 0.00	50.14 3.12 0.00	45.45 2.77 0.00	42.99 2.58 0.00

SOUTH_FORK_WT_PWR 323839	46.79 3.34 0.00	36.73 2.08 0.00	32.16 2.63 0.00	33.07 2.88 0.00	33.75 3.07 0.00	34.09 3.09 0.00	50.96 4.08 0.00	49.44 4.23 0.00	37.58 3.35 0.00	35.72 3.60 -1.52	251.27 4.52 -216.35	34.53 4.19 0.00	35.07 4.30 0.00	33.29 3.67 0.00	36.22 4.01 0.00	48.75 5.78 -5.66	50.48 6.29 0.00	56.08 5.84 0.00	58.58 5.15 0.00	40.16 2.58 10.51	51.16 3.37 0.00	50.08 3.06 0.00	45.46 2.79 0.00	43.03 2.62 0.00
SPIERFLS_115KV_TB 1 80737	45.03 1.58 0.00	35.85 1.20 0.00	30.82 1.29 0.00	31.42 1.24 0.00	31.95 1.27 0.00	32.29 1.28 0.00	48.60 1.72 0.00	46.67 1.46 0.00	34.89 0.66 0.00	30.95 0.35 0.00	30.63 0.23 0.00	30.48 0.14 0.00	30.68 -0.10 0.00	29.58 -0.04 0.00	32.27 0.06 0.00	37.68 0.37 0.00	44.86 0.67 0.00	51.62 1.38 0.00	55.02 1.59 0.00	49.42 1.34 0.00	49.37 1.58 0.00	48.68 1.66 0.00	44.22 1.54 0.00	41.79 1.38 0.00
ST LAWRENCE____ 23600	43.15 -0.30 0.00	34.41 -0.23 0.00	29.16 -0.38 0.00	29.82 -0.36 0.00	30.33 -0.35 0.00	30.65 -0.36 0.00	46.66 -0.22 0.00	45.15 -0.06 0.00	34.28 0.05 0.00	30.60 -0.01 0.00	30.38 -0.03 0.00	30.26 -0.08 0.00	30.65 -0.12 0.00	29.46 -0.16 0.00	31.99 -0.22 0.00	37.00 -0.31 0.00	43.86 -0.33 0.00	49.89 -0.35 0.00	53.18 -0.25 0.00	48.07 -0.02 0.00	47.74 -0.05 0.00	46.86 -0.17 0.00	42.57 -0.10 0.00	40.38 -0.03 0.00
STATE_CA_115KV_115_LB 55624	44.33 0.88 0.00	35.50 0.86 0.00	30.56 1.02 0.00	31.15 0.97 0.00	31.65 0.97 0.00	31.94 0.94 0.00	47.80 0.92 0.00	46.08 0.88 0.00	34.86 0.63 0.00	31.18 0.58 0.00	31.28 0.61 -0.27	30.93 0.59 0.00	31.30 0.53 0.00	30.18 0.56 0.00	32.83 0.63 0.00	38.17 0.86 0.00	45.06 0.87 0.00	51.40 1.17 0.00	54.48 1.05 0.00	48.85 0.77 0.00	48.73 0.94 0.00	47.99 0.97 0.00	43.56 0.88 0.00	41.20 0.80 0.00
STATE_ST_34_KV_LOAD 55959	43.43 -0.03 0.00	34.58 -0.07 0.00	29.56 0.03 0.00	30.22 0.03 0.00	30.68 0.00 0.00	31.08 0.07 0.00	46.95 0.08 0.00	45.18 -0.03 0.00	33.99 -0.24 0.00	30.23 -0.37 0.00	30.00 -0.40 0.00	30.00 -0.34 0.00	30.37 -0.41 0.00	29.21 -0.41 0.00	31.86 -0.34 0.00	36.80 -0.51 0.00	43.79 -0.40 0.00	49.84 -0.39 0.00	53.50 0.07 0.00	48.19 0.10 0.00	47.94 0.15 0.00	47.09 0.07 0.00	42.48 -0.20 0.00	40.25 -0.15 0.00
STATION 5_MISC_HYD 23604	42.69 -0.77 0.00	33.94 -0.71 0.00	28.91 -0.63 0.00	29.50 -0.69 0.00	29.97 -0.71 0.00	30.40 -0.61 0.00	46.10 -0.77 0.00	44.29 -0.91 0.00	33.44 -0.79 0.00	29.98 -0.62 0.00	29.73 -0.67 0.00	29.75 -0.59 0.00	30.28 -0.50 0.00	29.11 -0.51 0.00	31.67 -0.54 0.00	36.29 -1.02 0.00	43.36 -0.83 0.00	49.12 -1.11 0.00	52.53 -0.82 0.08	47.59 -0.47 0.03	46.67 -0.80 0.31	45.71 -0.99 0.33	41.54 -0.95 0.19	39.20 -1.03 0.18
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.90 -0.56 0.00	34.12 -0.52 0.00	29.10 -0.44 0.00	29.70 -0.49 0.00	30.17 -0.51 0.00	30.60 -0.41 0.00	46.35 -0.53 0.00	44.56 -0.65 0.00	33.60 -0.63 0.00	30.01 -0.59 0.00	29.77 -0.64 0.00	29.80 -0.55 0.00	30.29 -0.49 0.00	29.11 -0.52 0.00	31.67 -0.54 0.00	36.39 -0.92 0.00	43.46 -0.73 0.00	49.35 -0.88 0.00	52.82 -0.56 0.06	47.82 -0.24 0.02	47.13 -0.50 0.16	46.21 -0.68 0.14	41.96 -0.72 0.01	39.60 -0.80 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.40 -1.05 0.00	33.73 -0.92 0.00	28.73 -0.81 0.00	29.32 -0.86 0.00	29.79 -0.89 0.00	30.21 -0.80 0.00	45.81 -1.07 0.00	44.01 -1.20 0.00	33.24 -0.99 0.00	29.79 -0.81 0.00	29.55 -0.85 0.00	29.57 -0.77 0.00	30.10 -0.68 0.00	28.93 -0.69 0.00	31.47 -0.74 0.00	36.10 -1.21 0.00	43.14 -1.05 0.00	48.88 -1.35 0.00	52.26 -1.09 0.08	47.31 -0.75 0.03	46.51 -1.06 0.22	45.58 -1.26 0.18	41.48 -1.19 0.01	39.15 -1.25 0.00
STA_56____34_KV_BUS2 355983	42.40 -1.05 0.00	33.73 -0.92 0.00	28.73 -0.81 0.00	29.32 -0.86 0.00	29.79 -0.89 0.00	30.21 -0.80 0.00	45.81 -1.07 0.00	44.01 -1.20 0.00	33.24 -0.99 0.00	29.79 -0.81 0.00	29.55 -0.85 0.00	29.57 -0.77 0.00	30.10 -0.68 0.00	28.93 -0.69 0.00	31.47 -0.74 0.00	36.10 -1.21 0.00	43.14 -1.05 0.00	48.88 -1.35 0.00	52.26 -1.09 0.08	47.31 -0.75 0.03	46.51 -1.06 0.22	45.58 -1.26 0.18	41.48 -1.19 0.01	39.15 -1.25 0.00
STA_67____115KV_BK2 355882	42.58 -0.87 0.00	33.87 -0.78 0.00	28.85 -0.68 0.00	29.44 -0.75 0.00	29.91 -0.77 0.00	30.33 -0.67 0.00	46.00 -0.87 0.00	44.19 -1.02 0.00	33.36 -0.86 0.00	29.91 -0.69 0.00	29.66 -0.75 0.00	29.68 -0.66 0.00	30.21 -0.57 0.00	29.04 -0.58 0.00	31.58 -0.63 0.00	36.19 -1.12 0.00	43.24 -0.95 0.00	48.97 -1.26 0.00	52.37 -0.98 0.08	47.46 -0.60 0.03	46.64 -0.92 0.22	45.72 -1.12 0.19	41.61 -1.06 0.01	39.28 -1.12 0.00
STA_7____115KV_9TRANS 80674	42.91 -0.54 0.00	34.11 -0.54 0.00	29.05 -0.49 0.00	29.64 -0.55 0.00	30.10 -0.58 0.00	30.53 -0.48 0.00	46.33 -0.55 0.00	44.50 -0.70 0.00	33.60 -0.63 0.00	30.12 -0.48 0.00	29.88 -0.52 0.00	29.91 -0.43 0.00	30.44 -0.33 0.00	29.27 -0.35 0.00	31.84 -0.37 0.00	36.50 -0.81 0.00	43.63 -0.56 0.00	49.45 -0.78 0.00	52.90 -0.45 0.08	47.90 -0.15 0.03	47.06 -0.51 0.22	46.10 -0.74 0.19	41.93 -0.74 0.01	39.56 -0.84 0.00
STA_82____115KV_TB1 80780	42.54 -0.92 0.00	33.83 -0.81 0.00	28.82 -0.71 0.00	29.41 -0.78 0.00	29.88 -0.80 0.00	30.30 -0.70 0.00	45.95 -0.92 0.00	44.14 -1.06 0.00	33.32 -0.91 0.00	29.87 -0.73 0.00	29.61 -0.79 0.00	29.64 -0.70 0.00	30.16 -0.62 0.00	28.99 -0.63 0.00	31.54 -0.67 0.00	36.14 -1.17 0.00	43.17 -1.02 0.00	48.90 -1.34 0.00	52.30 -1.06 0.08	47.40 -0.66 0.03	46.59 -0.98 0.22	45.67 -1.17 0.19	41.57 -1.10 0.01	39.24 -1.16 0.00
STEEL____WIND 323596	42.11 -1.34 0.00	33.47 -1.17 0.00	28.52 -1.02 0.00	29.08 -1.10 0.00	29.53 -1.15 0.00	30.00 -1.01 0.00	45.51 -1.37 0.00	43.64 -1.57 0.00	33.02 -1.21 0.00	29.71 -0.89 0.00	29.36 -1.05 0.00	29.45 -0.89 0.00	30.06 -0.72 0.00	28.86 -0.76 0.00	31.42 -0.79 0.00	35.76 -1.55 0.00	42.88 -1.31 0.00	48.25 -1.98 0.00	51.56 -1.80 0.07	46.81 -1.25 0.03	45.78 -1.62 0.39	44.73 -1.82 0.48	40.67 -1.61 0.40	38.35 -1.68 0.38
STEPHTWN_115KV_BK_2 55603	44.49 1.04 0.00	35.58 0.94 0.00	30.61 1.07 0.00	31.19 1.01 0.00	31.69 1.01 0.00	32.03 1.03 0.00	48.09 1.21 0.00	46.29 1.08 0.00	35.01 0.78 0.00	31.23 0.64 0.00	31.29 0.61 -0.27	30.94 0.60 0.00	31.26 0.49 0.00	30.18 0.56 0.00	32.79 0.58 0.00	38.15 0.84 0.00	45.14 0.95 0.00	51.54 1.31 0.00	54.72 1.29 0.00	49.08 0.99 0.00	48.78 1.00 0.00	48.17 1.15 0.00	43.68 1.00 0.00	41.33 0.93 0.00
STEUBEN_REC_LFGE 323667	43.46 0.01 0.00	34.49 -0.15 0.00	29.52 -0.02 0.00	30.15 -0.04 0.00	30.54 -0.14 0.00	31.01 0.00 0.00	47.11 0.23 0.00	45.11 -0.09 0.00	33.69 -0.54 0.00	30.03 -0.57 0.00	29.52 -0.89 0.00	29.47 -0.87 0.00	29.76 -1.01 0.00	28.67 -0.95 0.00	31.40 -0.81 0.00	36.14 -1.17 0.00	43.40 -0.79 0.00	49.35 -0.88 0.00	53.30 -0.09 0.04	48.52 0.45 0.02	47.91 0.23 0.12	46.88 -0.05 0.10	42.36 -0.31 0.00	39.60 -0.81 0.00

STILLWATER___SOLAR 323814	45.16 1.71 0.00	36.00 1.35 0.00	30.92 1.39 0.00	31.53 1.35 0.00	32.04 1.36 0.00	32.37 1.36 0.00	48.70 1.83 0.00	46.83 1.62 0.00	35.13 0.90 0.00	31.25 0.65 0.00	30.97 0.57 0.00	30.85 0.51 0.00	31.15 0.37 0.00	30.03 0.41 0.00	32.74 0.53 0.00	38.09 0.78 0.00	45.22 1.03 0.00	51.91 1.67 0.00	55.25 1.82 0.00	49.63 1.55 0.00	49.55 1.76 0.00	48.82 1.79 0.00	44.30 1.62 0.00	41.91 1.51 0.00
STONY___BROOK 24151	46.46 3.00 0.00	36.82 2.18 0.00	31.94 2.40 0.00	32.54 2.35 0.00	32.96 2.28 0.00	33.30 2.29 0.00	49.67 2.79 0.00	47.74 2.53 0.00	36.30 2.07 0.00	34.49 2.37 -1.52	8.48 3.14 25.07	33.25 2.91 0.00	33.69 2.91 0.00	32.14 2.52 0.00	35.08 2.87 0.00	47.08 4.11 -5.66	48.24 4.05 0.00	53.41 3.18 0.00	56.12 2.69 0.00	38.87 1.24 10.46	49.75 1.96 0.00	49.00 1.97 0.00	44.42 1.74 0.00	42.11 1.71 0.00
STURGEON_POOL_HYD 23609	45.58 2.12 0.00	36.25 1.61 0.00	31.06 1.52 0.00	31.60 1.41 0.00	32.06 1.38 0.00	32.38 1.37 0.00	48.62 1.74 0.00	46.91 1.70 0.00	35.80 1.57 0.00	32.19 1.59 0.00	32.10 1.69 0.00	32.07 1.73 0.00	32.60 1.83 0.00	31.37 1.75 0.00	34.17 1.97 0.00	39.80 2.49 0.00	46.95 2.76 0.00	53.01 2.78 0.00	55.86 2.43 0.00	49.90 1.82 0.00	49.54 1.75 0.00	48.87 1.85 0.00	44.30 1.62 0.00	41.93 1.52 0.00
ST_LAW_115_BK7_LBMP 345037	43.13 -0.32 0.00	34.41 -0.23 0.00	29.15 -0.39 0.00	29.81 -0.38 0.00	30.31 -0.37 0.00	30.64 -0.36 0.00	46.64 -0.24 0.00	45.14 -0.06 0.00	34.29 0.06 0.00	30.59 -0.01 0.00	30.37 -0.04 0.00	30.26 -0.09 0.00	30.64 -0.14 0.00	29.45 -0.17 0.00	31.96 -0.25 0.00	36.95 -0.35 0.00	43.79 -0.40 0.00	49.80 -0.44 0.00	53.10 -0.34 0.00	48.01 -0.07 0.00	47.70 -0.10 0.00	46.81 -0.21 0.00	42.56 -0.12 0.00	40.36 -0.04 0.00
ST_LAW_115_BK8_LBMP 345038	43.13 -0.32 0.00	34.41 -0.23 0.00	29.15 -0.39 0.00	29.81 -0.38 0.00	30.31 -0.37 0.00	30.64 -0.36 0.00	46.64 -0.24 0.00	45.14 -0.06 0.00	34.29 0.06 0.00	30.59 -0.01 0.00	30.37 -0.04 0.00	30.26 -0.09 0.00	30.64 -0.14 0.00	29.45 -0.17 0.00	31.96 -0.25 0.00	36.95 -0.35 0.00	43.79 -0.40 0.00	49.80 -0.44 0.00	53.10 -0.34 0.00	48.01 -0.07 0.00	47.70 -0.10 0.00	46.81 -0.21 0.00	42.56 -0.12 0.00	40.36 -0.04 0.00
ST_LAW_230_BK5_LBMP 345035	43.15 -0.30 0.00	34.41 -0.23 0.00	29.16 -0.38 0.00	29.82 -0.36 0.00	30.33 -0.35 0.00	30.65 -0.36 0.00	46.66 -0.22 0.00	45.15 -0.06 0.00	34.28 0.05 0.00	30.60 -0.01 0.00	30.38 -0.03 0.00	30.26 -0.08 0.00	30.65 -0.12 0.00	29.46 -0.16 0.00	31.99 -0.22 0.00	37.00 -0.31 0.00	43.86 -0.33 0.00	49.89 -0.35 0.00	53.18 -0.25 0.00	48.07 -0.02 0.00	47.74 -0.05 0.00	46.86 -0.17 0.00	42.57 -0.10 0.00	40.38 -0.03 0.00
ST_LAW_230_BK6_LBMP 345036	43.15 -0.30 0.00	34.41 -0.23 0.00	29.16 -0.38 0.00	29.82 -0.36 0.00	30.33 -0.35 0.00	30.65 -0.36 0.00	46.66 -0.22 0.00	45.15 -0.06 0.00	34.28 0.05 0.00	30.60 -0.01 0.00	30.38 -0.03 0.00	30.26 -0.08 0.00	30.65 -0.12 0.00	29.46 -0.16 0.00	31.99 -0.22 0.00	37.00 -0.31 0.00	43.86 -0.33 0.00	49.89 -0.35 0.00	53.18 -0.25 0.00	48.07 -0.02 0.00	47.74 -0.05 0.00	46.86 -0.17 0.00	42.57 -0.10 0.00	40.38 -0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.48 2.02 0.00	36.19 1.55 0.00	31.01 1.47 0.00	31.53 1.35 0.00	31.99 1.32 0.00	32.33 1.33 0.00	48.52 1.64 0.00	46.81 1.61 0.00	35.71 1.48 0.00	32.12 1.53 0.00	29.95 1.63 2.09	32.03 1.69 0.00	32.58 1.81 0.00	31.33 1.71 0.00	34.14 1.93 0.00	39.73 2.42 0.00	46.85 2.66 0.00	52.89 2.66 0.00	55.77 2.34 0.00	49.86 1.77 0.00	49.44 1.65 0.00	48.77 1.75 0.00	44.20 1.52 0.00	41.81 1.41 0.00
SWANROAD_115KV_TB1 355699	40.90 -2.55 0.00	32.54 -2.10 0.00	27.72 -1.82 0.00	28.27 -1.91 0.00	28.71 -1.97 0.00	29.17 -1.83 0.00	44.21 -2.67 0.00	42.30 -2.90 0.00	32.05 -2.18 0.00	28.86 -1.74 0.00	28.53 -1.88 0.00	28.61 -1.73 0.00	29.16 -1.61 0.00	27.99 -1.63 0.00	30.46 -1.74 0.00	34.54 -2.77 0.00	41.38 -2.81 0.00	46.47 -3.77 0.00	49.66 -3.70 0.07	45.24 -2.81 0.03	44.33 -3.26 0.21	43.46 -3.39 0.17	39.80 -2.88 0.01	37.61 -2.79 0.00
SYNERGY___BIOGAS 323694	42.97 -0.48 0.00	34.11 -0.53 0.00	29.04 -0.50 0.00	29.62 -0.57 0.00	30.08 -0.60 0.00	30.55 -0.46 0.00	46.44 -0.43 0.00	44.58 -0.62 0.00	33.48 -0.75 0.00	29.82 -0.78 0.00	29.34 -1.06 0.00	29.36 -0.98 0.00	29.87 -0.91 0.00	28.69 -0.93 0.00	31.19 -1.02 0.00	35.52 -1.79 0.00	42.57 -1.62 0.00	48.22 -2.01 0.00	52.19 -1.17 0.08	47.86 -0.19 0.03	47.00 -0.58 0.21	45.99 -0.86 0.18	41.89 -0.78 0.01	39.47 -0.93 0.00
SYRACUSE___ENERGY_ST1 323597	43.12 -0.33 0.00	34.34 -0.30 0.00	29.35 -0.19 0.00	29.99 -0.19 0.00	30.49 -0.19 0.00	30.83 -0.18 0.00	46.58 -0.30 0.00	44.85 -0.36 0.00	33.79 -0.44 0.00	30.11 -0.49 0.00	29.89 -0.52 0.00	29.89 -0.45 0.00	30.35 -0.43 0.00	29.19 -0.43 0.00	31.76 -0.44 0.00	36.73 -0.58 0.00	43.71 -0.48 0.00	49.79 -0.44 0.00	53.25 -0.20 -0.01	47.93 -0.16 0.00	47.60 -0.23 -0.03	46.75 -0.31 -0.03	42.29 -0.39 0.00	40.00 -0.41 0.00
SYRACUSE___ENERGY_ST2 323598	43.12 -0.33 0.00	34.34 -0.30 0.00	29.35 -0.19 0.00	29.99 -0.19 0.00	30.49 -0.19 0.00	30.83 -0.18 0.00	46.58 -0.30 0.00	44.85 -0.36 0.00	33.79 -0.44 0.00	30.11 -0.49 0.00	29.89 -0.52 0.00	29.89 -0.45 0.00	30.35 -0.43 0.00	29.19 -0.43 0.00	31.76 -0.44 0.00	36.73 -0.58 0.00	43.71 -0.48 0.00	49.79 -0.44 0.00	53.25 -0.20 -0.01	47.93 -0.16 0.00	47.60 -0.23 -0.03	46.75 -0.31 -0.03	42.29 -0.39 0.00	40.00 -0.41 0.00
SYRACUSE___POWER 24017	43.06 -0.39 0.00	34.31 -0.34 0.00	29.30 -0.24 0.00	29.94 -0.25 0.00	30.43 -0.25 0.00	30.77 -0.24 0.00	46.50 -0.38 0.00	44.76 -0.44 0.00	33.75 -0.47 0.00	30.11 -0.49 0.00	29.89 -0.51 0.00	29.89 -0.45 0.00	30.37 -0.41 0.00	29.21 -0.41 0.00	31.78 -0.43 0.00	36.75 -0.56 0.00	43.71 -0.48 0.00	49.75 -0.48 0.00	53.14 -0.27 0.02	47.87 -0.21 0.01	47.44 -0.30 0.05	46.61 -0.37 0.05	42.25 -0.43 0.00	39.93 -0.48 0.00
TALLMAN___138KV_BK151 55660	45.76 2.31 0.00	36.40 1.76 0.00	31.18 1.64 0.00	31.69 1.51 0.00	32.15 1.46 0.00	32.48 1.47 0.00	48.74 1.86 0.00	47.04 1.83 0.00	35.93 1.70 0.00	32.37 1.77 0.00	29.48 1.90 2.82	32.32 1.98 0.00	32.90 2.12 0.00	31.62 2.00 0.00	34.48 2.27 0.00	40.15 2.84 0.00	47.31 3.12 0.00	53.29 3.06 0.00	56.11 2.67 0.00	50.12 2.04 0.00	49.65 1.86 0.00	49.01 1.99 0.00	44.40 1.72 0.00	42.02 1.61 0.00
TEALLAVE_115KV_TB7 355573	42.85 -0.61 0.00	34.14 -0.51 0.00	29.15 -0.38 0.00	29.78 -0.40 0.00	30.28 -0.41 0.00	30.61 -0.39 0.00	46.26 -0.62 0.00	44.53 -0.67 0.00	33.62 -0.61 0.00	30.02 -0.58 0.00	29.82 -0.59 0.00	29.81 -0.53 0.00	30.29 -0.49 0.00	29.14 -0.49 0.00	31.68 -0.53 0.00	36.63 -0.68 0.00	43.56 -0.63 0.00	49.55 -0.68 0.00	52.87 -0.53 0.03	47.61 -0.46 0.01	47.15 -0.56 0.08	46.32 -0.64 0.07	42.02 -0.65 0.00	39.72 -0.68 0.00

TELGRAPH_34_KV_EAST 80808	42.01 -1.44 0.00	33.37 -1.27 0.00	28.43 -1.11 0.00	29.00 -1.19 0.00	29.44 -1.24 0.00	29.92 -1.09 0.00	45.40 -1.48 0.00	43.52 -1.69 0.00	32.86 -1.37 0.00	29.47 -1.13 0.00	29.09 -1.32 0.00	29.14 -1.20 0.00	29.69 -1.09 0.00	28.51 -1.11 0.00	31.02 -1.19 0.00	35.26 -2.05 0.00	42.25 -1.94 0.00	47.62 -2.61 0.00	51.13 -2.22 0.07	46.64 -1.42 0.03	45.74 -1.84 0.21	44.81 -2.04 0.17	40.92 -1.76 0.01	38.62 -1.79 0.00
TEMPLE___115KV_TB 2 55572	42.85 -0.61 0.00	34.14 -0.51 0.00	29.15 -0.38 0.00	29.78 -0.40 0.00	30.28 -0.41 0.00	30.61 -0.39 0.00	46.25 -0.63 0.00	44.53 -0.67 0.00	33.62 -0.61 0.00	30.02 -0.58 0.00	29.82 -0.59 0.00	29.82 -0.52 0.00	30.30 -0.48 0.00	29.15 -0.47 0.00	31.69 -0.52 0.00	36.65 -0.66 0.00	43.58 -0.61 0.00	49.56 -0.67 0.00	52.87 -0.53 0.03	47.61 -0.46 0.01	47.14 -0.57 0.09	46.32 -0.64 0.07	42.02 -0.65 0.00	39.72 -0.68 0.00
TIANA___69_KV_BK 1 55817	46.48 3.03 0.00	36.74 2.10 0.00	32.16 2.62 0.00	32.92 2.73 0.00	33.40 2.72 0.00	33.75 2.74 0.00	50.20 3.32 0.00	48.38 3.18 0.00	36.89 2.67 0.00	35.06 2.94 -1.52	253.62 3.81 -219.41	33.67 3.32 0.00	34.17 3.40 0.00	32.47 2.85 0.00	35.29 3.08 0.00	47.61 4.64 -5.66	49.04 4.85 0.00	54.53 4.30 0.00	57.10 3.67 0.00	39.25 1.68 10.51	50.41 2.62 0.00	49.34 2.32 0.00	44.63 1.95 0.00	42.24 1.83 0.00
TILDEN___115KV_TB1 80814	43.06 -0.39 0.00	34.31 -0.34 0.00	29.30 -0.24 0.00	29.94 -0.25 0.00	30.43 -0.25 0.00	30.77 -0.24 0.00	46.50 -0.38 0.00	44.76 -0.44 0.00	33.75 -0.47 0.00	30.11 -0.49 0.00	29.89 -0.51 0.00	29.89 -0.45 0.00	30.37 -0.41 0.00	29.21 -0.41 0.00	31.78 -0.43 0.00	36.75 -0.56 0.00	43.71 -0.48 0.00	49.75 -0.48 0.00	53.14 -0.27 0.02	47.87 -0.21 0.01	47.44 -0.30 0.05	46.61 -0.37 0.05	42.25 -0.43 0.00	39.93 -0.48 0.00
TRIGEN___CC 323695	46.23 2.77 0.00	36.73 2.09 0.00	31.58 2.04 0.00	32.08 1.89 0.00	32.50 1.82 0.00	32.86 1.85 0.00	49.13 2.26 0.00	47.32 2.11 0.00	36.15 1.92 0.00	34.28 2.16 -1.52	34.73 2.48 -1.85	32.76 2.42 0.00	33.27 2.49 0.00	31.88 2.26 0.00	34.82 2.61 0.00	46.44 3.47 -5.66	47.70 3.51 0.00	53.44 3.21 0.00	56.04 2.61 0.00	48.10 1.71 1.70	49.66 1.87 0.00	49.03 2.00 0.00	44.53 1.85 0.00	42.25 1.85 0.00
TRINITY___115KV__ 4 BK 55933	44.11 0.66 0.00	35.34 0.69 0.00	30.42 0.88 0.00	31.02 0.84 0.00	31.51 0.83 0.00	31.80 0.79 0.00	47.57 0.69 0.00	45.85 0.64 0.00	34.70 0.47 0.00	31.05 0.45 0.00	31.15 0.47 -0.27	30.79 0.45 0.00	31.15 0.38 0.00	30.04 0.42 0.00	32.67 0.46 0.00	37.96 0.65 0.00	44.80 0.61 0.00	51.07 0.84 0.00	54.11 0.68 0.00	48.55 0.46 0.00	48.45 0.66 0.00	47.74 0.72 0.00	43.36 0.68 0.00	41.03 0.62 0.00
UNION___PROCESSING_DRP 323587	42.55 -0.91 0.00	33.84 -0.81 0.00	28.83 -0.71 0.00	29.42 -0.77 0.00	29.89 -0.80 0.00	30.31 -0.70 0.00	45.96 -0.92 0.00	44.15 -1.06 0.00	33.33 -0.90 0.00	29.88 -0.72 0.00	29.62 -0.78 0.00	29.65 -0.70 0.00	30.17 -0.61 0.00	29.00 -0.62 0.00	31.54 -0.67 0.00	36.14 -1.17 0.00	43.18 -1.01 0.00	48.90 -1.33 0.00	52.31 -1.05 0.08	47.41 -0.64 0.03	46.60 -0.97 0.22	45.67 -1.16 0.18	41.58 -1.09 0.01	39.25 -1.16 0.00
UPPER HUDSON___HYD 24058	45.03 1.58 0.00	35.85 1.20 0.00	30.83 1.29 0.00	31.42 1.24 0.00	31.95 1.27 0.00	32.29 1.28 0.00	48.60 1.72 0.00	46.67 1.46 0.00	34.89 0.66 0.00	30.95 0.35 0.00	30.63 0.23 0.00	30.48 0.14 0.00	30.68 -0.10 0.00	29.58 -0.04 0.00	32.27 0.06 0.00	37.68 0.37 0.00	44.86 0.67 0.00	51.61 1.38 0.00	55.02 1.59 0.00	49.43 1.34 0.00	49.37 1.58 0.00	48.68 1.66 0.00	44.22 1.54 0.00	41.79 1.38 0.00
UPPER RAQUET___HYD 24056	43.61 0.15 0.00	34.87 0.22 0.00	29.56 0.03 0.00	30.23 0.05 0.00	30.75 0.07 0.00	31.12 0.11 0.00	47.36 0.48 0.00	45.78 0.58 0.00	34.54 0.31 0.00	30.73 0.13 0.00	30.46 0.05 0.00	30.32 -0.03 0.00	30.64 -0.13 0.00	29.38 -0.24 0.00	31.67 -0.54 0.00	36.32 -0.99 0.00	42.86 -1.33 0.00	48.66 -1.57 0.00	52.14 -1.30 0.00	47.47 -0.62 0.00	47.39 -0.40 0.00	46.79 -0.23 0.00	42.90 0.22 0.00	40.90 0.49 0.00
VALLEY44_115KV_TB2 355964	42.94 -0.51 0.00	34.10 -0.54 0.00	29.24 -0.30 0.00	29.91 -0.27 0.00	30.33 -0.35 0.00	30.90 -0.11 0.00	46.70 -0.17 0.00	44.90 -0.30 0.00	33.89 -0.34 0.00	30.51 -0.09 0.00	29.98 -0.42 0.00	30.03 -0.32 0.00	30.42 -0.36 0.00	29.09 -0.53 0.00	31.65 -0.56 0.00	36.39 -0.91 0.00	43.53 -0.66 0.00	48.84 -1.39 0.00	52.14 -1.24 0.06	47.19 -0.87 0.02	46.43 -1.19 0.17	45.57 -1.32 0.14	41.27 -1.40 0.01	39.14 -1.27 0.00
VALLEY___115KV_TB 1-4 80826	44.11 0.65 0.00	35.12 0.48 0.00	30.18 0.64 0.00	30.85 0.67 0.00	31.39 0.71 0.00	31.74 0.74 0.00	47.73 0.85 0.00	45.80 0.59 0.00	34.15 -0.08 0.00	30.35 -0.25 0.00	30.09 -0.31 0.00	29.99 -0.35 0.00	30.34 -0.43 0.00	29.23 -0.39 0.00	31.83 -0.38 0.00	36.97 -0.34 0.00	43.72 -0.46 0.00	50.26 0.03 0.00	53.93 0.50 0.00	48.56 0.47 0.00	48.52 0.73 0.00	48.03 1.00 0.00	43.57 0.89 0.00	41.18 0.78 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.09 1.64 0.00	35.94 1.30 0.00	30.80 1.27 0.00	31.45 1.27 0.00	31.94 1.26 0.00	32.26 1.26 0.00	48.58 1.70 0.00	46.73 1.52 0.00	35.35 1.12 0.00	31.65 1.05 0.00	31.48 1.08 0.00	31.46 1.12 0.00	31.95 1.18 0.00	30.76 1.14 0.00	33.48 1.27 0.00	38.85 1.54 0.00	46.20 2.01 0.00	52.63 2.40 0.00	56.01 2.59 0.01	50.12 2.03 0.00	49.65 1.89 0.03	48.84 1.84 0.03	44.27 1.60 0.00	41.84 1.43 0.00
VISCHER___FERRY HYD 24020	44.66 1.21 0.00	35.66 1.02 0.00	30.68 1.15 0.00	31.27 1.09 0.00	31.78 1.10 0.00	32.08 1.07 0.00	48.11 1.24 0.00	46.33 1.12 0.00	34.95 0.72 0.00	31.21 0.61 0.00	31.26 0.59 -0.27	30.85 0.51 0.00	31.17 0.40 0.00	30.05 0.43 0.00	32.72 0.52 0.00	38.03 0.72 0.00	44.94 0.75 0.00	51.43 1.20 0.00	54.52 1.09 0.00	48.96 0.87 0.00	48.97 1.18 0.00	48.27 1.25 0.00	43.84 1.16 0.00	41.52 1.11 0.00
V_A_10_SYNC_DSASP 323832	41.60 -1.85 0.00	33.11 -1.53 0.00	28.23 -1.31 0.00	28.81 -1.37 0.00	29.26 -1.43 0.00	29.69 -1.32 0.00	44.99 -1.88 0.00	43.14 -2.06 0.00	32.64 -1.58 0.00	29.38 -1.22 0.00	29.08 -1.33 0.00	29.14 -1.20 0.00	29.67 -1.10 0.00	28.51 -1.11 0.00	31.00 -1.20 0.00	35.34 -1.97 0.00	42.27 -1.92 0.00	47.59 -2.65 0.00	50.81 -2.54 0.08	46.12 -1.93 0.03	45.28 -2.28 0.23	44.41 -2.43 0.19	40.55 -2.12 0.01	38.34 -2.07 0.00
V_CMM_10_SYNC_DSASP 323787	43.24 -0.21 0.00	34.57 -0.07 0.00	29.25 -0.29 0.00	29.93 -0.26 0.00	30.43 -0.25 0.00	30.77 -0.24 0.00	46.75 -0.12 0.00	45.28 0.07 0.00	34.43 0.21 0.00	30.70 0.10 0.00	30.49 0.08 0.00	30.37 0.03 0.00	30.76 -0.02 0.00	29.55 -0.07 0.00	32.08 -0.12 0.00	37.10 -0.21 0.00	43.91 -0.28 0.00	49.92 -0.30 0.00	53.23 -0.21 0.00	48.17 0.08 0.00	47.88 0.09 0.00	46.91 -0.11 0.00	42.67 0.00 0.00	40.51 0.10 0.00

V_CMP_10_SYNC_DSASP 323788	43.70 0.25 0.00	34.82 0.18 0.00	29.56 0.02 0.00	30.17 -0.01 0.00	30.67 -0.01 0.00	31.02 0.00 0.00	47.08 0.21 0.00	45.55 0.34 0.00	34.69 0.46 0.00	30.84 0.24 0.00	30.58 0.17 0.00	30.37 0.03 0.00	30.79 0.01 0.00	29.65 0.02 0.00	32.20 -0.01 0.00	37.31 0.00 0.00	44.29 0.10 0.00	50.42 0.19 0.00	53.84 0.41 0.00	48.68 0.60 0.00	48.48 0.69 0.00	47.60 0.57 0.00	43.19 0.51 0.00	40.97 0.57 0.00
V_D_10_SYNC_DSASP 323841	43.51 0.06 0.00	34.74 0.10 0.00	29.46 -0.08 0.00	30.12 -0.06 0.00	30.63 -0.05 0.00	30.98 -0.03 0.00	47.12 0.24 0.00	45.57 0.36 0.00	34.57 0.34 0.00	30.85 0.25 0.00	30.62 0.21 0.00	30.50 0.16 0.00	30.86 0.09 0.00	29.60 -0.02 0.00	32.09 -0.12 0.00	37.05 -0.25 0.00	43.87 -0.32 0.00	49.84 -0.38 0.00	53.21 -0.22 0.00	48.20 0.11 0.00	47.89 0.11 0.00	47.07 0.04 0.00	42.90 0.22 0.00	40.74 0.34 0.00
V_E_10_SYNC_DSASP 323830	45.21 1.76 0.00	36.04 1.39 0.00	30.88 1.34 0.00	31.58 1.40 0.00	32.12 1.44 0.00	32.71 1.70 0.00	49.80 2.92 0.00	47.73 2.53 0.00	35.46 1.23 0.00	31.18 0.58 0.00	30.87 0.46 0.00	30.66 0.31 0.00	31.19 0.42 0.00	29.85 0.22 0.00	32.51 0.30 0.00	37.70 0.39 0.00	45.46 1.27 0.00	52.39 2.16 0.00	57.28 3.86 0.02	51.88 3.80 0.01	51.34 3.60 0.05	50.38 3.39 0.04	45.47 2.80 0.00	42.81 2.41 0.00
V_F_30_NSYNC___DSASP 323816	45.19 1.73 0.00	36.02 1.38 0.00	30.93 1.39 0.00	31.54 1.36 0.00	32.06 1.38 0.00	32.39 1.38 0.00	48.72 1.84 0.00	46.87 1.67 0.00	35.17 0.94 0.00	31.30 0.70 0.00	31.04 0.63 0.00	30.91 0.57 0.00	31.22 0.45 0.00	30.11 0.49 0.00	32.81 0.60 0.00	38.18 0.87 0.00	45.33 1.14 0.00	51.99 1.76 0.00	55.32 1.89 0.00	49.69 1.61 0.00	49.60 1.81 0.00	48.84 1.82 0.00	44.32 1.65 0.00	41.94 1.54 0.00
V_F_30_SYNC_DSASP 323786	44.33 0.88 0.00	35.50 0.86 0.00	30.56 1.02 0.00	31.15 0.97 0.00	31.65 0.97 0.00	31.94 0.93 0.00	47.80 0.92 0.00	46.07 0.87 0.00	34.85 0.63 0.00	31.18 0.58 0.00	31.28 0.60 -0.27	30.93 0.59 0.00	31.30 0.52 0.00	30.18 0.56 0.00	32.83 0.63 0.00	38.16 0.85 0.00	45.05 0.86 0.00	51.40 1.17 0.00	54.47 1.04 0.00	48.84 0.75 0.00	48.72 0.93 0.00	47.98 0.96 0.00	43.56 0.88 0.00	41.20 0.80 0.00
V_XM_10_SYNC_DSASP 323789	43.70 0.25 0.00	34.82 0.18 0.00	29.56 0.02 0.00	30.17 -0.01 0.00	30.67 -0.01 0.00	31.02 0.00 0.00	47.08 0.21 0.00	45.55 0.34 0.00	34.69 0.46 0.00	30.84 0.24 0.00	30.58 0.17 0.00	30.37 0.03 0.00	30.79 0.01 0.00	29.65 0.02 0.00	32.20 -0.01 0.00	37.31 0.00 0.00	44.29 0.10 0.00	50.42 0.19 0.00	53.84 0.41 0.00	48.68 0.60 0.00	48.48 0.69 0.00	47.60 0.57 0.00	43.19 0.51 0.00	40.97 0.57 0.00
W.BABYLN_69_KV_BK1 56697	46.99 3.54 0.00	37.26 2.61 0.00	32.14 2.61 0.00	32.67 2.49 0.00	33.08 2.40 0.00	33.44 2.44 0.00	49.97 3.09 0.00	48.10 2.89 0.00	36.72 2.49 0.00	34.83 2.71 -1.52	36.31 3.18 -2.72	33.38 3.03 0.00	33.86 3.08 0.00	32.35 2.73 0.00	35.33 3.12 0.00	47.25 4.28 -5.66	48.59 4.40 0.00	54.20 3.97 0.00	56.78 3.35 0.00	40.94 2.05 9.19	50.30 2.51 0.00	49.59 2.56 0.00	45.02 2.34 0.00	42.70 2.29 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.94 2.49 0.00	36.54 1.89 0.00	31.29 1.76 0.00	31.81 1.62 0.00	32.26 1.58 0.00	32.60 1.60 0.00	48.95 2.07 0.00	47.23 2.02 0.00	36.07 1.84 0.00	32.50 1.90 0.00	29.37 2.02 3.06	32.44 2.10 0.00	33.01 2.24 0.00	31.74 2.12 0.00	34.60 2.39 0.00	40.31 3.00 0.00	47.50 3.31 0.00	53.54 3.30 0.00	56.35 2.91 0.00	50.32 2.24 0.00	49.88 2.08 0.00	49.22 2.20 0.00	44.58 1.90 0.00	42.18 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.15 2.70 0.00	36.73 2.09 0.00	31.49 1.95 0.00	31.98 1.79 0.00	32.42 1.74 0.00	32.77 1.76 0.00	49.15 2.28 0.00	47.45 2.24 0.00	36.32 2.09 0.00	32.77 2.17 0.00	34.58 2.30 -1.87	32.72 2.37 0.00	33.24 2.49 0.03	31.95 2.32 0.00	34.84 2.63 0.00	40.61 3.30 0.00	47.74 3.55 0.00	53.58 3.35 0.00	56.31 2.88 0.00	50.14 2.05 0.00	49.81 2.02 0.00	49.30 2.28 0.00	44.70 2.02 0.00	42.33 1.93 0.00
W50THST__13_KV_LOAD 356117	46.40 2.95 0.00	36.93 2.29 0.00	31.66 2.12 0.00	32.14 1.96 0.00	32.59 1.91 0.00	32.95 1.94 0.00	49.43 2.56 0.00	47.75 2.55 0.00	36.58 2.35 0.00	33.02 2.42 0.00	34.80 2.53 -1.87	32.95 2.61 0.00	33.49 2.75 0.03	32.22 2.60 0.00	35.12 2.91 0.00	40.93 3.62 0.00	48.13 3.94 0.00	53.97 3.74 0.00	56.63 3.19 0.00	50.41 2.32 0.00	50.05 2.27 0.00	49.53 2.51 0.00	44.91 2.23 0.00	42.53 2.12 0.00
WADING RIVER_IC_1 23522	45.94 2.49 0.00	36.36 1.72 0.00	31.95 2.41 0.00	32.72 2.54 0.00	33.17 2.49 0.00	33.52 2.51 0.00	49.72 2.84 0.00	47.86 2.66 0.00	36.51 2.28 0.00	34.68 2.57 -1.52	180.07 3.53 -146.14	33.28 2.93 0.00	33.75 2.97 0.00	32.03 2.41 0.00	34.75 2.55 0.00	47.05 4.08 -5.66	48.32 4.13 0.00	53.72 3.48 0.00	56.29 2.86 0.00	38.41 0.84 10.51	49.83 2.04 0.00	48.72 1.70 0.00	44.01 1.33 0.00	41.65 1.25 0.00
WADING RIVER_IC_2 23547	45.94 2.49 0.00	36.36 1.72 0.00	31.95 2.41 0.00	32.72 2.54 0.00	33.17 2.49 0.00	33.52 2.51 0.00	49.72 2.84 0.00	47.86 2.66 0.00	36.51 2.28 0.00	34.68 2.57 -1.52	180.07 3.53 -146.14	33.28 2.93 0.00	33.75 2.97 0.00	32.03 2.41 0.00	34.75 2.55 0.00	47.05 4.08 -5.66	48.32 4.13 0.00	53.72 3.48 0.00	56.29 2.86 0.00	38.41 0.84 10.51	49.83 2.04 0.00	48.72 1.70 0.00	44.01 1.33 0.00	41.65 1.25 0.00
WADING RIVER_IC_3 23601	45.94 2.49 0.00	36.36 1.72 0.00	31.95 2.41 0.00	32.72 2.54 0.00	33.17 2.49 0.00	33.52 2.51 0.00	49.72 2.84 0.00	47.86 2.66 0.00	36.51 2.28 0.00	34.68 2.57 -1.52	180.07 3.53 -146.14	33.28 2.93 0.00	33.75 2.97 0.00	32.03 2.41 0.00	34.75 2.55 0.00	47.05 4.08 -5.66	48.32 4.13 0.00	53.72 3.48 0.00	56.29 2.86 0.00	38.41 0.84 10.51	49.83 2.04 0.00	48.72 1.70 0.00	44.01 1.33 0.00	41.65 1.25 0.00
WALDENNY_12_KV_BK2 80841	42.13 -1.32 0.00	33.48 -1.16 0.00	28.52 -1.02 0.00	29.08 -1.10 0.00	29.52 -1.16 0.00	30.00 -1.00 0.00	45.52 -1.36 0.00	43.64 -1.57 0.00	33.05 -1.18 0.00	29.74 -0.86 0.00	29.39 -1.01 0.00	29.51 -0.84 0.00	30.10 -0.68 0.00	28.91 -0.71 0.00	31.48 -0.73 0.00	35.75 -1.56 0.00	42.93 -1.26 0.00	48.27 -1.96 0.00	51.60 -1.76 0.07	46.84 -1.22 0.03	45.98 -1.61 0.20	45.02 -1.84 0.16	41.05 -1.63 0.01	38.71 -1.70 0.00
WALDEN___HYDRO 24148	45.71 2.26 0.00	36.38 1.73 0.00	31.17 1.63 0.00	31.69 1.51 0.00	32.15 1.47 0.00	32.49 1.48 0.00	48.76 1.88 0.00	47.05 1.85 0.00	35.88 1.65 0.00	32.24 1.64 0.00	31.44 1.73 0.70	32.11 1.77 0.00	32.65 1.87 0.00	31.39 1.77 0.00	34.21 2.00 0.00	39.84 2.54 0.00	47.01 2.82 0.00	53.13 2.90 0.00	56.06 2.62 0.00	50.13 2.05 0.00	49.73 1.93 0.00	49.04 2.02 0.00	44.42 1.74 0.00	42.03 1.62 0.00

WARRENSBURG____ 23737	45.03 1.58 0.00	35.85 1.20 0.00	30.82 1.29 0.00	31.42 1.24 0.00	31.95 1.27 0.00	32.29 1.28 0.00	48.60 1.72 0.00	46.67 1.46 0.00	34.89 0.66 0.00	30.95 0.35 0.00	30.63 0.23 0.00	30.48 0.14 0.00	30.68 -0.10 0.00	29.58 -0.04 0.00	32.27 0.06 0.00	37.68 0.37 0.00	44.86 0.67 0.00	51.62 1.38 0.00	55.02 1.59 0.00	49.42 1.34 0.00	49.37 1.58 0.00	48.68 1.66 0.00	44.22 1.54 0.00	41.79 1.38 0.00
WATERSIDE____6 8 9 23538	46.09 2.64 0.00	36.74 2.10 0.00	31.51 1.97 0.00	31.97 1.79 0.00	32.42 1.74 0.00	32.78 1.77 0.00	49.08 2.21 0.00	47.40 2.20 0.00	36.35 2.12 0.00	32.78 2.18 0.00	34.58 2.30 -1.87	32.74 2.39 0.00	33.30 2.49 -0.03	31.94 2.31 0.00	34.84 2.63 0.00	40.65 3.35 0.00	47.67 3.48 0.00	53.34 3.11 0.00	55.96 2.52 0.00	49.97 1.88 0.00	49.69 1.90 0.00	49.25 2.22 0.00	44.68 2.00 0.00	42.36 1.96 0.00
WATKINRD_115KV_LN8_ILLION 55919	43.93 0.48 0.00	35.00 0.36 0.00	30.04 0.50 0.00	30.69 0.50 0.00	31.21 0.53 0.00	31.55 0.54 0.00	47.48 0.60 0.00	45.61 0.41 0.00	34.16 -0.07 0.00	30.41 -0.19 0.00	30.18 -0.23 0.00	30.10 -0.24 0.00	30.47 -0.30 0.00	29.35 -0.27 0.00	31.95 -0.26 0.00	37.09 -0.22 0.00	43.88 -0.31 0.00	50.27 0.04 0.00	53.78 0.35 0.00	48.40 0.31 0.00	48.30 0.51 0.00	47.71 0.69 0.00	43.29 0.60 0.00	40.93 0.53 0.00
WDELAWARE____HYD 323627	44.98 1.53 0.00	35.76 1.11 0.00	30.62 1.08 0.00	31.16 0.98 0.00	31.63 0.94 0.00	31.96 0.95 0.00	48.05 1.17 0.00	46.34 1.13 0.00	35.30 1.07 0.00	31.63 1.03 0.00	30.62 0.76 0.55	31.12 0.77 0.00	31.61 0.84 0.00	30.45 0.83 0.00	33.14 0.93 0.00	38.63 1.33 0.00	45.70 1.51 0.00	51.79 1.56 0.00	54.76 1.33 0.00	48.94 0.86 0.00	48.52 0.73 0.00	47.81 0.79 0.00	43.30 0.62 0.00	40.94 0.54 0.00
WEST BABYLON____IC 23714	46.99 3.54 0.00	37.26 2.61 0.00	32.14 2.61 0.00	32.67 2.49 0.00	33.08 2.40 0.00	33.44 2.44 0.00	49.97 3.09 0.00	48.10 2.89 0.00	36.72 2.49 0.00	34.83 2.71 -1.52	36.31 3.18 -2.72	33.38 3.03 0.00	33.86 3.08 0.00	32.35 2.73 0.00	35.33 3.12 0.00	47.25 4.28 -5.66	48.59 4.40 0.00	54.20 3.97 0.00	56.78 3.35 0.00	40.94 2.05 9.19	50.30 2.51 0.00	49.59 2.56 0.00	45.02 2.34 0.00	42.70 2.29 0.00
WEST CANADA____HYD 24049	43.58 0.13 0.00	34.76 0.12 0.00	29.71 0.18 0.00	30.36 0.18 0.00	30.86 0.18 0.00	31.16 0.15 0.00	47.02 0.14 0.00	45.32 0.11 0.00	34.26 0.04 0.00	30.62 0.02 0.00	30.42 0.02 0.00	30.36 0.02 0.00	30.78 0.00 0.00	29.65 0.03 0.00	32.24 0.03 0.00	37.37 0.07 0.00	44.23 0.04 0.00	50.33 0.10 0.00	53.55 0.11 0.00	48.16 0.08 0.00	47.89 0.10 0.00	47.17 0.14 0.00	42.81 0.13 0.00	40.53 0.12 0.00
WESTERN_NY_WIND 24143	42.91 -0.54 0.00	34.06 -0.58 0.00	29.00 -0.54 0.00	29.58 -0.61 0.00	30.04 -0.64 0.00	30.51 -0.50 0.00	46.38 -0.50 0.00	44.52 -0.68 0.00	33.43 -0.79 0.00	29.80 -0.81 0.00	29.31 -1.09 0.00	29.33 -1.01 0.00	29.85 -0.93 0.00	28.67 -0.95 0.00	31.17 -1.04 0.00	35.48 -1.82 0.00	42.53 -1.67 0.00	48.16 -2.07 0.00	52.12 -1.24 0.08	47.79 -0.27 0.03	46.92 -0.65 0.21	45.91 -0.94 0.18	41.84 -0.84 0.01	39.41 -0.99 0.00
WESTOVER____LESR 323668	43.36 -0.09 0.00	34.49 -0.15 0.00	29.53 -0.01 0.00	30.18 -0.01 0.00	30.64 -0.04 0.00	31.03 0.02 0.00	46.85 -0.03 0.00	44.90 -0.31 0.00	33.91 -0.32 0.00	30.34 -0.26 0.00	30.10 -0.30 0.00	30.17 -0.17 0.00	30.69 -0.09 0.00	29.50 -0.12 0.00	32.09 -0.12 0.00	37.10 -0.21 0.00	44.23 0.04 0.00	50.07 -0.16 0.00	53.41 -0.01 0.02	47.99 -0.08 0.01	47.58 -0.15 0.06	46.78 -0.20 0.05	42.39 -0.29 0.00	40.09 -0.32 0.00
WETHRSFD_WT_PWR 323626	42.27 -1.18 0.00	33.58 -1.06 0.00	28.67 -0.86 0.00	29.27 -0.91 0.00	29.69 -0.99 0.00	30.14 -0.87 0.00	45.73 -1.15 0.00	43.75 -1.46 0.00	32.86 -1.37 0.00	29.40 -1.20 0.00	29.01 -1.40 0.00	29.08 -1.26 0.00	29.53 -1.25 0.00	28.37 -1.25 0.00	30.96 -1.25 0.00	35.43 -1.89 0.00	42.48 -1.71 0.00	48.00 -2.23 0.00	51.64 -1.74 0.06	46.96 -1.10 0.02	46.21 -1.37 0.21	45.25 -1.56 0.21	41.10 -1.49 0.09	38.71 -1.61 0.08
WHAVSTOR_138KV_BK127 55557	45.72 2.27 0.00	36.37 1.72 0.00	31.15 1.62 0.00	31.67 1.48 0.00	32.12 1.44 0.00	32.46 1.45 0.00	48.70 1.82 0.00	46.99 1.79 0.00	35.89 1.66 0.00	32.34 1.74 0.00	29.17 1.87 3.11	32.27 1.93 0.00	32.84 2.07 0.00	31.56 1.94 0.00	34.40 2.19 0.00	40.08 2.76 0.00	47.19 3.00 0.00	53.17 2.94 0.00	55.97 2.54 0.00	50.00 1.91 0.00	49.58 1.78 0.00	48.95 1.93 0.00	44.35 1.67 0.00	41.98 1.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.72 2.27 0.00	36.37 1.72 0.00	31.15 1.62 0.00	31.67 1.48 0.00	32.12 1.44 0.00	32.46 1.45 0.00	48.70 1.82 0.00	46.99 1.79 0.00	35.89 1.66 0.00	32.34 1.74 0.00	29.17 1.87 3.11	32.27 1.93 0.00	32.84 2.07 0.00	31.56 1.94 0.00	34.40 2.19 0.00	40.08 2.76 0.00	47.19 3.00 0.00	53.17 2.94 0.00	55.97 2.54 0.00	50.00 1.91 0.00	49.58 1.78 0.00	48.95 1.93 0.00	44.35 1.67 0.00	41.98 1.57 0.00
WHITEHAL_115KV_TB1 80871	46.55 3.09 0.00	36.92 2.28 0.00	31.90 2.36 0.00	32.47 2.28 0.00	33.03 2.35 0.00	33.40 2.40 0.00	50.53 3.65 0.00	48.44 3.23 0.00	35.91 1.68 0.00	31.57 0.97 0.00	31.11 0.71 0.00	30.86 0.52 0.00	30.87 0.10 0.00	29.79 0.17 0.00	32.64 0.43 0.00	38.59 1.29 0.00	46.34 2.15 0.00	53.39 3.16 0.00	56.42 2.98 0.00	50.68 2.59 0.00	51.24 3.45 0.00	50.50 3.48 0.00	45.70 3.02 0.00	43.17 2.77 0.00
WHITEPLN_13_KV_LOAD 356215	46.44 2.99 0.00	36.93 2.29 0.00	31.63 2.09 0.00	32.12 1.94 0.00	32.56 1.88 0.00	32.92 1.91 0.00	49.44 2.57 0.00	47.75 2.54 0.00	36.50 2.27 0.00	32.92 2.32 0.00	34.86 2.46 -2.00	32.86 2.52 0.00	33.41 2.63 0.00	32.12 2.49 0.00	35.02 2.81 0.00	40.83 3.53 0.00	48.09 3.90 0.00	54.11 3.88 0.00	56.87 3.44 0.00	50.69 2.60 0.00	50.28 2.49 0.00	49.68 2.66 0.00	45.00 2.32 0.00	42.58 2.18 0.00
WM_FLOYD_69_KV_BK2 356380	46.32 2.87 0.00	36.70 2.06 0.00	32.03 2.49 0.00	32.72 2.54 0.00	33.16 2.48 0.00	33.51 2.50 0.00	49.83 2.95 0.00	47.94 2.74 0.00	36.58 2.35 0.00	34.73 2.61 -1.52	426.54 3.38 -392.75	33.28 2.93 0.00	33.77 2.99 0.00	32.12 2.50 0.00	34.94 2.73 0.00	47.10 4.13 -5.66	48.40 4.21 0.00	53.83 3.60 0.00	56.44 3.00 0.00	38.90 1.31 10.49	50.02 2.23 0.00	49.05 2.03 0.00	44.39 1.71 0.00	42.03 1.63 0.00
WOODARD__115KV_TB2 355635	42.76 -0.69 0.00	34.07 -0.58 0.00	29.10 -0.44 0.00	29.73 -0.46 0.00	30.23 -0.46 0.00	30.56 -0.45 0.00	46.16 -0.72 0.00	44.45 -0.76 0.00	33.57 -0.66 0.00	29.96 -0.64 0.00	29.76 -0.65 0.00	29.75 -0.60 0.00	30.21 -0.56 0.00	29.07 -0.55 0.00	31.61 -0.60 0.00	36.55 -0.76 0.00	43.44 -0.75 0.00	49.43 -0.80 0.00	52.74 -0.67 0.02	47.51 -0.57 0.01	47.08 -0.66 0.05	46.26 -0.72 0.04	41.95 -0.72 0.00	39.66 -0.74 0.00

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